

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012

**Time Report Requested:** 10:42:22

**First Dose M/F:** 10/26/09 / 10/26/09

**Lab:** BNW

F1\_M3

**NTP Study Number:** C10472  
**Lock Date:** 06/08/2010  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 2.6.0.0\_007  
**PWG Approval Date:** NONE

Experiment Number: 10472 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62147

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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Experiment Number: 10472 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

**ANIMAL ID:** 2

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 62148

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

Experiment Number: 10472 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

**ANIMAL ID:** 3

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 62149

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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Experiment Number: 10472 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62150

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62151

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Prostate
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**OBSERVATIONS**

* Adrenal Cortex	Zona Fascult	Hypertrophy	Minimal
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Experiment Number: 10472 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62152

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* 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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Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62153

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62154

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Thyroid Gland
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Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62155

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62156

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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
Peritoneum	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 201

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62247

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012

**Time Report Requested:** 10:42:22

**First Dose M/F:** 10/26/09 / 10/26/09

**Lab:** BNW

---

**ANIMAL ID:** 202

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62248

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 203

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62249

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 204

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62250

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex  
Stomach, Forestomach

\* Adrenal Medulla  
Thymus

\* Liver

Spleen

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**OBSERVATIONS**

\* Harderian Gland  
\* Kidney

Inflammation  
Nephropathy

Suppurative, Acute, Minimal  
Minimal

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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 205

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62251

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 206

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62252

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 207

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62253

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 208

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62254

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 209

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62255

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 210

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62256

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 401

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62227

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 402

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62228

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Stomach, Forestomach

\* Adrenal Medulla  
Thymus

\* Harderian Gland

Spleen

---

**OBSERVATIONS**

\* Kidney  
\* Liver

Centrilobular, Hepatocyte  
Hepatocyte

Nephropathy  
Hypertrophy  
Multinucleated

Minimal  
Mild  
Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 403

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62229

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

---

**OBSERVATIONS**

\* Liver  
Stomach, Forestomach

Centrilobular, Hepatocyte  
Epithelium

Hypertrophy  
Hyperplasia

Mild  
Minimal

---



**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 404

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62230

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Stomach, Forestomach

\* Adrenal Medulla  
Thymus

\* Harderian Gland

Spleen

---

**OBSERVATIONS**

\* Kidney  
\* Liver

Centrilobular, Hepatocyte

Nephropathy  
Hypertrophy

Minimal  
Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 405

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62231

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Stomach, Forestomach

\* Adrenal Medulla  
Thymus

\* Harderian Gland

Spleen

---

**OBSERVATIONS**

\* Kidney  
\* Liver

Centrilobular, Hepatocyte

Nephropathy  
Hypertrophy

Minimal  
Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012

**Time Report Requested:** 10:42:22

**First Dose M/F:** 10/26/09 / 10/26/09

**Lab:** BNW

---

**ANIMAL ID:** 406

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62232

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Necrosis

Mild  
Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 407

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62233

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 408

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62234

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012

**Time Report Requested:** 10:42:22

**First Dose M/F:** 10/26/09 / 10/26/09

**Lab:** BNW

---

**ANIMAL ID:** 409

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62235

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Necrosis

Minimal  
Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 410

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62236

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

---

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 601

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 500 ppm

DISP: Terminal Sacrifice

HISTO: 62207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte

Hypertrophy  
Multinucleated

Moderate  
Mild

Centrilobular, Hepatocyte

Necrosis

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal



Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 602

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 500 ppm

DISP: Terminal Sacrifice

HISTO: 62208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte  
Centrilobular, Hepatocyte  
Epithelium

Hypertrophy  
Multinucleated  
Necrosis  
Hyperplasia  
Inflammation

Moderate  
Mild  
Minimal  
Minimal  
Granulomatous, Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 603

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62209

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Multinucleated  
Necrosis

Moderate  
Mild  
Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 604

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62210

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte

Hypertrophy  
Multinucleated

Moderate  
Minimal

Centrilobular, Hepatocyte

Necrosis

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

---

ANIMAL ID: 605

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 500 ppm

DISP: Terminal Sacrifice

HISTO: 62211

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

NORMAL

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Multinucleated  
Necrosis

Mild  
Minimal  
Mild

---

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 606

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 500 ppm

DISP: Terminal Sacrifice

HISTO: 62212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte

Hypertrophy  
Multinucleated

Moderate  
Minimal

Centrilobular, Hepatocyte

Necrosis

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012

**Time Report Requested:** 10:42:22

**First Dose M/F:** 10/26/09 / 10/26/09

**Lab:** BNW

---

**ANIMAL ID:** 607

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62213

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Necrosis

Mild  
Minimal

---

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 608

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 500 ppm

DISP: Terminal Sacrifice

HISTO: 62214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Stomach, Forestomach

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte

Hypertrophy  
Multinucleated

Moderate  
Mild

Spleen

Centrilobular, Hepatocyte  
Red Pulp  
Red Pulp

Necrosis  
Hematopoietic Cell Proliferation  
Hematopoietic Cell Proliferation Erythrocytic

Minimal  
Megakaryocyte, Minimal  
Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 609

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62215

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Multinucleated  
Necrosis

Moderate  
Mild  
Mild

---



**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 610

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62216

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

Spleen

---

**MISSING**

\* Adrenal Medulla

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Necrosis

Mild  
Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 801

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 1000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62187

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
Stomach, Forestomach

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte

Hypertrophy  
Multinucleated

Marked  
Marked

Centrilobular, Hepatocyte

Necrosis

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 802

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 1000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62188

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Marked

Hepatocyte

Multinucleated

Marked

Centrilobular, Hepatocyte

Necrosis

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Mild

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

ANIMAL ID: 803

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62189

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

Thymus

**OBSERVATIONS**

\* Adrenal Cortex

Zona Fasciata

Hypertrophy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Marked

Hepatocyte

Multinucleated

Marked

Centrilobular, Hepatocyte

Necrosis

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Mild

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic

Minimal

Stomach, Forestomach

Inflammation

Granulomatous, Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 804

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 1000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62190

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte

Hypertrophy  
Multinucleated

Marked  
Marked

Centrilobular, Hepatocyte

Necrosis

Mild

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 805

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Marked

Hepatocyte

Multinucleated

Marked

Centrilobular, Hepatocyte

Necrosis

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 806

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 1000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62192

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

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**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Multinucleated  
Necrosis

Moderate  
Moderate  
Minimal

---

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 807

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte  
Centrilobular, Hepatocyte  
Epithelium

Hypertrophy  
Multinucleated  
Necrosis  
Hyperplasia

Marked  
Minimal  
Mild  
Minimal

Stomach, Forestomach



Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 808

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Marked

Hepatocyte

Multinucleated

Moderate

Centrilobular, Hepatocyte

Necrosis

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 809

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Multinucleated  
Necrosis  
Hematopoietic Cell Proliferation  
Hyperplasia

Marked  
Marked  
Minimal  
Megakaryocyte, Minimal  
Minimal

Spleen

Red Pulp  
Epithelium

Stomach, Forestomach

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 810

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte

Hypertrophy  
Multinucleated

Marked  
Marked

Centrilobular, Hepatocyte

Necrosis

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia  
Inflammation

Minimal

Granulomatous, Minimal

Experiment Number: 10472 - 02  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 p-Chloro-a,a,a-trifluorotoluene  
 CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
 Time Report Requested: 10:42:22  
 First Dose M/F: 10/26/09 / 10/26/09  
 Lab: BNW

ANIMAL ID: 1001

TRT#: 11

SEX: Male

DAY ON TEST: 95

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Mild

Experiment Number: 10472 - 02  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 p-Chloro-a,a,a-trifluorotoluene  
 CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
 Time Report Requested: 10:42:22  
 First Dose M/F: 10/26/09 / 10/26/09  
 Lab: BNW

ANIMAL ID: 1002

TRT#: 11

SEX: Male

DAY ON TEST: 95

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62168

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Preputial Gland		Inflammation	Suppurative, Chronic Active, Marked
* Skin	Prepuce	Ulcer	Chronic Active, Marked
	[ Ulcer TGLs = TGL 1-8 ]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 1003

TRT#: 11

SEX: Male

DAY ON TEST: 95

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Fasciata	Hypertrophy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Mild

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 1004

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 2000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62170

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Adrenal Medulla	* Lymph Node, Mediastinal	* Mammary Gland	* Skin
* Thymus			

**INSUFFICIENT TISSUE**

* Adrenal Cortex	* Lymph Node, Bronchial
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**OBSERVATIONS**

* Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Mild

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 1005

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 2000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62171

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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**INSUFFICIENT TISSUE**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Zona Fascult	Hypertrophy	Minimal
* Kidney		Hydronephrosis	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach		Inflammation	Granulomatous, Minimal

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 10472 - 02  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 p-Chloro-a,a,a-trifluorotoluene  
 CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
 Time Report Requested: 10:42:22  
 First Dose M/F: 10/26/09 / 10/26/09  
 Lab: BNW

ANIMAL ID: 1006

TRT#: 11

SEX: Male

DAY ON TEST: 95

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Minimal

Experiment Number: 10472 - 02  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 p-Chloro-a,a,a-trifluorotoluene  
 CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
 Time Report Requested: 10:42:22  
 First Dose M/F: 10/26/09 / 10/26/09  
 Lab: BNW

ANIMAL ID: 1007

TRT#: 11

SEX: Male

DAY ON TEST: 95

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62173

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Zona Fascult	Hypertrophy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 10472 - 02  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 p-Chloro-a,a,a-trifluorotoluene  
 CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
 Time Report Requested: 10:42:22  
 First Dose M/F: 10/26/09 / 10/26/09  
 Lab: BNW

ANIMAL ID: 1008

TRT#: 11

SEX: Male

DAY ON TEST: 95

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

* Adrenal Cortex	Zona Fasciata	Hypertrophy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 10472 - 02  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 p-Chloro-a,a,a-trifluorotoluene  
 CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
 Time Report Requested: 10:42:22  
 First Dose M/F: 10/26/09 / 10/26/09  
 Lab: BNW

ANIMAL ID: 1009

TRT#: 11

SEX: Male

DAY ON TEST: 95

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Fascult	Hypertrophy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 10472 - 02  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 p-Chloro-a,a,a-trifluorotoluene  
 CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
 Time Report Requested: 10:42:22  
 First Dose M/F: 10/26/09 / 10/26/09  
 Lab: BNW

ANIMAL ID: 1010

TRT#: 11

SEX: Male

DAY ON TEST: 95

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Kidney		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 101

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62157

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	Harderian Gland	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Clitoral Gland	* Lymph Node, Mediastinal	* Parathyroid Gland
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Experiment Number: 10472 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62158

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	Harderian Gland	* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

* Lymph Node, Mandibular	* Parathyroid Gland
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Experiment Number: 10472 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62159

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	Harderian Gland	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Clitoral Gland



**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 104

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 62160

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	Harderian Gland	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 105

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 62161

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	Harderian Gland	* 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
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

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**MISSING**

* Clitoral Gland	* Lymph Node, Mediastinal
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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 106

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 62162

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	Harderian Gland	* 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	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Lymph Node, Mediastinal

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62163

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	Harderian Gland	* 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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Clitoral Gland

**OBSERVATIONS**

Liver

Clear Cell Focus

Minimal

Experiment Number: 10472 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

ANIMAL ID: 108

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62164

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	Harderian Gland	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

* Clitoral Gland	* Lymph Node, Mandibular	* Parathyroid Gland	* Thyroid Gland
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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 109

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 62165

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	Harderian Gland	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Clitoral Gland

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 110

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 62166

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	Harderian Gland	* 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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

Liver

Clear Cell Focus

Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 301

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62257

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 302

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62258

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 303

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62259

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

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**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 304

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62260

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 305

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62261

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Thymus

---

**OBSERVATIONS**

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 306

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62262

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Thymus

---

**OBSERVATIONS**

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 307

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62263

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 308

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62264

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 309

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62265

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Thymus

---

**INSUFFICIENT TISSUE**

Stomach, Forestomach

---



**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 310

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 125 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62266

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

---

Experiment Number: 10472 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

**ANIMAL ID:** 501

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62237

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

Stomach, Forestomach

Thymus

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 502

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62238

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Thymus

---

**INSUFFICIENT TISSUE**

Stomach, Forestomach

---

**OBSERVATIONS**

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 503

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62239

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 504

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62240

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Thymus

---

**OBSERVATIONS**

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 505

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62241

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Thymus

---

**OBSERVATIONS**

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 506

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62242

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Thymus

---

**OBSERVATIONS**

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 507

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62243

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Stomach, Forestomach

Thymus

---

**OBSERVATIONS**

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic Minimal

---



Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 508

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 250 ppm

DISP: Terminal Sacrifice

HISTO: 62244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Stomach, Forestomach

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

OBSERVATIONS

* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
	Centrilobular, Hepatocyte	Necrosis	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Minimal
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 509

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62245

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 510

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 250 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62246

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Stomach, Forestomach

Thymus

---

**OBSERVATIONS**

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic Minimal

---

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 701

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 500 ppm

DISP: Terminal Sacrifice

HISTO: 62217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Thymus

OBSERVATIONS

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 702

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62218

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Thymus

---

**OBSERVATIONS**

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Mild

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 703

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62219

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

**OBSERVATIONS**

* Liver	Centrilobular, Hepatocyte	Necrosis	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Minimal
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012

**Time Report Requested:** 10:42:22

**First Dose M/F:** 10/26/09 / 10/26/09

**Lab:** BNW

---

**ANIMAL ID:** 704

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62220

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Necrosis

Minimal  
Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 705

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62221

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Stomach, Forestomach

Thymus

---

**OBSERVATIONS**

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

---



Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 706

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 500 ppm

DISP: Terminal Sacrifice

HISTO: 62222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

OBSERVATIONS

* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Minimal
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 707

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62223

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Stomach, Forestomach

Thymus

---

**OBSERVATIONS**

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 708

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62224

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Stomach, Forestomach

\* Harderian Gland  
Thymus

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 709

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62225

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

\* Liver

Spleen

Stomach, Forestomach

Thymus

---

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

---

**ANIMAL ID:** 710

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 500 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62226

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Spleen

\* Adrenal Medulla  
Thymus

\* Harderian Gland

\* Kidney

---

**OBSERVATIONS**

\* Liver  
Stomach, Forestomach

Centrilobular, Hepatocyte  
Epithelium

Hypertrophy  
Hyperplasia

Minimal  
Minimal

---

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 901

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

Hepatocyte

Multinucleated

Moderate

Centrilobular, Hepatocyte

Necrosis

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 902

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 1000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62198

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

Hepatocyte

Multinucleated

Mild

Centrilobular, Hepatocyte

Necrosis

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Mild

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 903

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 1000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62199

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Mild

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

---



Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 904

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
\* Kidney

\* Adrenal Medulla  
Thymus

Eye

\* Harderian Gland

OBSERVATIONS

* Liver	Centrilobular, Hepatocyte Hepatocyte	Hypertrophy Multinucleated	Mild Minimal
	Centrilobular, Hepatocyte	Necrosis	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Minimal
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

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**ANIMAL ID:** 905

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 1000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62201

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

---

**OBSERVATIONS**

\* Liver  
Spleen

Centrilobular, Hepatocyte  
Red Pulp  
Red Pulp  
Epithelium

Hypertrophy  
Hematopoietic Cell Proliferation  
Hematopoietic Cell Proliferation Erythrocytic  
Hyperplasia

Minimal  
Megakaryocyte, Minimal  
Minimal  
Mild

---

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 906

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

Hepatocyte

Multinucleated

Minimal

Centrilobular, Hepatocyte

Necrosis

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Mild

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 907

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte  
Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy  
Multinucleated  
Necrosis

Mild  
Minimal  
Minimal

Spleen

Red Pulp  
Red Pulp

Hematopoietic Cell Proliferation  
Hematopoietic Cell Proliferation Erythrocytic

Megakaryocyte, Mild

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 908

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 1000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62204

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

**OBSERVATIONS**

* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Centrilobular, Hepatocyte	Necrosis	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Minimal
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
Stomach, Forestomach	Epithelium	Hyperplasia	Mild

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

ANIMAL ID: 909

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62205

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte  
Centrilobular, Hepatocyte

Hypertrophy

Mild

Necrosis

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Mild

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 910

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 62206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
Thymus

\* Adrenal Medulla

\* Harderian Gland

\* Kidney

OBSERVATIONS

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

Hepatocyte

Multinucleated

Minimal

Centrilobular, Hepatocyte

Necrosis

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Megakaryocyte, Minimal

Red Pulp

Hematopoietic Cell Proliferation Erythrocytic

Minimal

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 1101

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 2000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62177

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
Harderian Gland	* 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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

* Clitoral Gland	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Degeneration	Marked
	Zona Fascult	Hypertrophy	Minimal
Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Moderate
	Centrilobular, Hepatocyte	Necrosis	Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Mild



Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 1102

TRT#: 12

SEX: Female

DAY ON TEST: 96

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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INSUFFICIENT TISSUE

\* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	X-Zone	Degeneration	Moderate
	Zona Fasciata	Hypertrophy	Mild
Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Moderate
	Centrilobular, Hepatocyte	Necrosis	Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Mild

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 1103

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 2000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62179

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
Harderian Gland	* 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, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Degeneration	Marked
Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 1104

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 2000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62180

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	Harderian Gland	* 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, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Thyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Degeneration	Marked
Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Mild
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Granulomatous, Minimal

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 1105

TRT#: 12

SEX: Female

DAY ON TEST: 96

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	Harderian Gland	* 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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	X-Zone	Degeneration	Marked
	Zona Fasciata	Hypertrophy	Mild
Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Mild
	Centrilobular, Hepatocyte	Necrosis	Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Granulomatous, Mild

Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

p-Chloro-a,a,a-trifluorotoluene

CAS Number: 98-56-6

Date Report Requested: 06/01/2012

Time Report Requested: 10:42:22

First Dose M/F: 10/26/09 / 10/26/09

Lab: BNW

ANIMAL ID: 1106

TRT#: 12

SEX: Female

DAY ON TEST: 96

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62182

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
Harderian Gland	* 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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Clitoral Gland

**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Degeneration	Moderate
	Zona Fasciata	Hypertrophy	Mild
Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Minimal

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 1107

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 2000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62183

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
Harderian Gland	* 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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

* Clitoral Gland	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Degeneration	Marked
	Zona Fascult	Hypertrophy	Minimal
Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Granulomatous, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 1108

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 2000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62184

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
Harderian Gland	* 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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Parathyroid Gland			

**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Degeneration	Marked
	Zona Fasciata	Hypertrophy	Minimal
Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Granulomatous, Mild

**Experiment Number:** 10472 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 p-Chloro-a,a,a-trifluorotoluene  
**CAS Number:** 98-56-6

**Date Report Requested:** 06/01/2012  
**Time Report Requested:** 10:42:22  
**First Dose M/F:** 10/26/09 / 10/26/09  
**Lab:** BNW

**ANIMAL ID:** 1109

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 2000 ppm

**DISP:** Terminal Sacrifice

**HISTO:** 62185

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
Harderian Gland	* 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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

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

* Adrenal Cortex	X-Zone	Degeneration	Moderate
	Zona Fascult	Hypertrophy	Mild
Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Marked
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Granulomatous, Moderate



Experiment Number: 10472 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
p-Chloro-a,a,a-trifluorotoluene  
CAS Number: 98-56-6

Date Report Requested: 06/01/2012  
Time Report Requested: 10:42:22  
First Dose M/F: 10/26/09 / 10/26/09  
Lab: BNW

ANIMAL ID: 1110

TRT#: 12

SEX: Female

DAY ON TEST: 96

DOSE: 2000 ppm

DISP: Terminal Sacrifice

HISTO: 62186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
Harderian Gland	* 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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	X-Zone	Degeneration	Marked
Liver	Centrilobular, Hepatocyte	Hypertrophy	Marked
	Hepatocyte	Multinucleated	Moderate
	Centrilobular, Hepatocyte	Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Megakaryocyte, Mild
	Red Pulp	Hematopoietic Cell Proliferation Erythrocytic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

\*\*\* END OF REPORT \*\*\*