

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:22
First Dose M/F: NA / NA
Lab: IIT

C Number: C56393B
Lock Date: 10/02/1992
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 05/13/1996

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 1	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-5102-001
---------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* 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, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Esophagus	* Gallbladder	* Lymph Node, Bronchial	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Minimal
[Basophilic Focus TGLS = 2-5]			
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 698
	DOSE: CONTROL	DISP: Moribund Sacrifice	HISTO: 90-5102-002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Thymus	

OBSERVATIONS

* Bone	Vertebra	Degeneration	Mild
[Degeneration TGLS = 3-12]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Marked
* Liver		Hepatocellular Carcinoma	
		Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 1,2-5]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Nasolacrim Dct	Inflammation	Minimal
* Spleen		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 3	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 90-5102-003
---------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
-------------------------	---------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Epididymis		Cyst	Minimal
		Mineralization	Minimal
* Kidney		Degeneration	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 4-13,6-14]		
	[Hepatocellular Adenoma TGLS = 3-13,2-12,5-14]		
* Preputial Gland		Infiltration Cellular	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 1-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 4	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-5102-004
---------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

Harderian Gland			
Note: TGLs = 3-12 = No corresponding Lesion			
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Mild
* Liver		Hemangioma	
[Hemangioma TGLS = 1-5]			
* Preputial Gland		Degeneration	Minimal
		Inflammation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* 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	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
---------------	--------------------------	-----------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-12]			
* Prostate		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* 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

* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
---------------------------	--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain	Mineralization	Minimal
* Kidney	Nephropathy	Mild
* Liver	Eosinophilic Focus	Mild
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-12]		
* Nose	Inflammation	Minimal
	Polyp, Inflammatory	Moderate
* Seminal Vesicle	Degeneration	Mild
[Degeneration TGLS = 2-9]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 725
	DOSE: CONTROL	DISP: Natural Death	HISTO: 90-5102-008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
---------------	-----------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-5]			
* Pancreas	Duct	Cyst	Mild
	Duct	Fibrosis	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Thymus
-------------------------	-----------------	---------------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Epididymis		Atypia Cellular	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Hypertrophy	Minimal
	[Hepatocellular Carcinoma TGLS = 2-12]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Cyst	Mild
		Hepatocellular Carcinoma	
		Necrosis	Minimal
	[Cyst TGLS = 3-13]		
	[Hepatocellular Carcinoma TGLS = 1-12,2-13]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 522

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Larynx
* Lymph Node, Mediastinal	* Mammary Gland	* Pituitary Gland	* Thymus

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 1-5]			
Lymph Node	Inguinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]			
* Preputial Gland		Degeneration	Mild
* Seminal Vesicle		Degeneration	Mild
* Spleen		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 467

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 90-5102-012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Mammary Gland
---------------	-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart	Pericardium	Hepatocholangiocarcinoma	Metastatic (Liver)
* Liver		Hepatocholangiocarcinoma	
	[Hepatocholangiocarcinoma TGLS = 1-5,15]		
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 2-6]		
* Lymph Node, Mediastinal		Hepatocholangiocarcinoma	Metastatic (Liver)
* Salivary Glands		Infiltration Cellular	Minimal
* Stomach, Forestomach		Ulcer	Minimal
* Thymus		Hepatocholangiocarcinoma	Metastatic (Liver)
Tissue NOS	Thoracic	Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 3-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Brain		Mineralization	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Liver		Mixed Cell Focus	Minimal
[Mixed Cell Focus TGLS = 2-5.1]			
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 1-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 610

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|---------------------------|-----------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | |
|-------------------------|-----------------|
| * Lymph Node, Bronchial | * Mammary Gland |
|-------------------------|-----------------|

AUTO PRECLUDES DIAG.

- | | | |
|---------------|--------------------------|--------------------------|
| * Gallbladder | * Intestine Large, Cecum | * Intestine Small, Ileum |
|---------------|--------------------------|--------------------------|

OBSERVATIONS

- | | | |
|---|--------------------------------|----------|
| * Heart | Cardiomyopathy | Minimal |
| * Liver | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 5-5] | | |
| * Lung | Alveolar/Bronchiolar Carcinoma | |
| [Alveolar/Bronchiolar Carcinoma TGLS = 1,3,4-6,12+2-12] | | |
| * Prostate | Atrophy | Moderate |
| * Salivary Glands | Infiltration Cellular | Minimal |
| * Seminal Vesicle | Atrophy | Moderate |
| * Spleen | Lymph Follic | Moderate |
| * Thymus | Atrophy | Marked |
| | Cyst | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 616

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|---------------------------|-----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Epididymis | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Islets, Pancreatic | * Larynx | * 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 |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | | | |
|---------------------|--------------------------|-------------------------|-----------------|
| * Gallbladder | * Intestine Large, Colon | * Lymph Node, Bronchial | * Mammary Gland |
| * Parathyroid Gland | * Prostate | * Thymus | |

AUTO PRECLUDES DIAG.

- * Intestine Small, Jejunum

OBSERVATIONS

- | | | |
|--|------------------------------|--------------------|
| * Brain | Mineralization | Minimal |
| * Kidney | Hepatocellular Carcinoma | Metastatic (Liver) |
| [Hepatocellular Carcinoma TGLS = 2-8] | | |
| * Liver | Eosinophilic Focus | Minimal |
| [Hepatocellular Carcinoma TGLS = 1-5] | Hepatocellular Carcinoma | |
| * Lung | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 4-12] | Infiltration Cellular | Histiocyte, Mild |
| * Thyroid Gland | Follicular Cel | Hyperplasia |
| | | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 2-12]		
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 1-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
-------------------------	--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Minimal
		Mixed Cell Focus	Minimal
* Nose		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 1-9]			
* Stomach, Glandular		Infiltration Cellular	Minimal
		Metaplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 289

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Intestine Small, Duodenum
* Larynx
* Nose
* Preputial Gland
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Prostate
* Stomach, Glandular
* Trachea

* Bone Marrow
* Heart
* Islets, Pancreatic
* Lymph Node, Mediastinal
* Parathyroid Gland
* Salivary Glands
* Testes
* Urinary Bladder

* Brain
* Intestine Large, Colon
* Kidney
* Lymph Node, Mesenteric
* Pituitary Gland
* Seminal Vesicle
* Thymus

MISSING

* Gallbladder

* Lymph Node, Bronchial

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

* Intestine Large, Rectum

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex
* Blood Vessel
* Gallbladder

Aorta

Hemorrhage
Hepatocellular Carcinoma

Minimal
Metastatic (Liver)

Note: Gallbladder absent due to mass.

* Liver
[Hepatocellular Carcinoma TGLS = 4-12]

Hepatocellular Carcinoma

* Lung
* Skin
[Necrosis TGLS = 1-7]

Hepatocellular Carcinoma
Necrosis

Metastatic (Liver)
Mild

* Spleen
[Hematopoietic Cell Proliferation TGLS = 2-5]

Hematopoietic Cell Proliferation

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
-------------------------	--------------------------	-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Salivary Glands		Infiltration Cellular	Mild
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Skin		Inflammation	Moderate
		Ulcer	Mild
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Brain	Mineralization	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-12]		
[Hepatocellular Carcinoma TGLS = 3,4-12]		
* Skin	Fibrosarcoma	
[Fibrosarcoma TGLS = 6-15]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Papilla	Inflammation	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 4-14]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-13]		
* Lymph Node, Mediastinal		Hyperplasia	Mild
Penis		Inflammation	Minimal
	[Inflammation TGLS = 1-12]		
* Preputial Gland		Inflammation	Moderate
	[Inflammation TGLS = 3-9]		
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Pituitary Gland	* Thymus
---------------------------	-----------------	-------------------	----------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Moderate
		Inflammation	Moderate
* Kidney	Papilla	Inflammation	Mild
		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-12,2-13]		
* Lung		Infiltration Cellular	Histiocyte, Mild
* Seminal Vesicle		Atrophy	Moderate
	[Atrophy TGLS = 3-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 585

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 90-5102-024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Pituitary Gland
-------------------------	---------------------------	-----------------	-------------------

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia Pigmentation	Mild Hemosiderin, Mild
* Brain	Meninges	Lymphoma Malignant	
* Heart	Pericardium	Hyperplasia Inflammation	Mild Minimal
[Hyperplasia TGLS = 11-4.1]			
* Kidney		Inflammation	Moderate
[Inflammation TGLS = 2,3-8]			
* Lung		Inflammation	Mild
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7,8-13]			
[Lymphoma Malignant TGLS = 1-14]			
[Lymphoma Malignant TGLS = 5,6-15]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-12]			
* Prostate		Inflammation	Moderate
* Seminal Vesicle		Inflammation	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:22
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 585
	DOSE: CONTROL	DISP: Moribund Sacrifice	HISTO: 90-5102-024

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 9-5]	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-2]		
* Urinary Bladder	Inflammation	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Colon	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
--------------------------	---------------------------	-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Minimal
	Hepatocyte	Necrosis	Minimal
[Clear Cell Focus TGLS = 2-5]			
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Minimal
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-12,3-13]			
* Nose		Inflammation	Minimal
		Polyp, Inflammatory	Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Minimal
[Degeneration TGLS = 1-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Granuloma Sperm	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Minimal
		Mixed Cell Focus	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 2-12]			
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 1-9]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 587

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Thymus
---------------	-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Blood Vessel	Aorta	Fibrosarcoma	Metastatic (Stomach, Glandular)
* Bone	Sternum	Fibrosarcoma	Metastatic (Stomach, Glandular)
[Fibrosarcoma TGLS = 2-16]			
* Heart		Fibrosarcoma	Metastatic (Stomach, Glandular)
[Fibrosarcoma TGLS = 6-4]			
* Kidney		Fibrosarcoma	Metastatic (Stomach, Glandular)
[Fibrosarcoma TGLS = 9,10-8]			
* Liver		Fibrosarcoma	Metastatic (Stomach, Glandular)
		Hepatocellular Carcinoma	
		Necrosis	Moderate
[Fibrosarcoma TGLS = 12-5]			
[Hepatocellular Carcinoma TGLS = 11-5]			
* Lung		Fibrosarcoma	Metastatic (Stomach, Glandular)
[Fibrosarcoma TGLS = 4,5-6]			
Lymph Node	Renal	Fibrosarcoma	Metastatic (Stomach, Glandular)
		Fibrosarcoma	Metastatic (Stomach, Glandular)
[Fibrosarcoma TGLS = 1-12]			
[Fibrosarcoma TGLS = 14-13]			
* Lymph Node, Bronchial		Fibrosarcoma	Metastatic (Stomach, Glandular)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:22
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 28	TRT#: 1	SEX: Male	DAY ON TEST: 587
	DOSE: CONTROL	DISP: Natural Death	HISTO: 90-5102-028

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mediastinal [Fibrosarcoma TGLS = 3-5]		Fibrosarcoma	Metastatic (Stomach, Glandular)
* Nose	Nasolacrim Dct	Inflammation	Mild
Skeletal Muscle [Fibrosarcoma TGLS = 15-14]		Fibrosarcoma	Metastatic (Stomach, Glandular)
* Skin		Inflammation	Minimal
* Stomach, Forestomach		Fibrosarcoma	Metastatic (Stomach, Glandular)
* Stomach, Glandular		Fibrosarcoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tissue NOS [Fibrosarcoma TGLS = 17-15]		Fibrosarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 24

DOSE: CONTROL

DISP: Accidentally Killed

HISTO: 90-5102-029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Nose	Inflammation	Mild
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 584

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 90-5102-030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland
-------------------------	--------------------------	-----------------	-------------------

OBSERVATIONS

* Heart	Myocardium	Mineralization	Mild
* Liver		Clear Cell Focus	Mild
[Clear Cell Focus TGLS = 2-5]			
* Nose		Hemorrhage	Minimal
		Inflammation	Mild
* Prostate		Inflammation	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
[Atrophy TGLS = 1-5]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 202

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Testes
* Thyroid Gland	* Trachea		

MISSING

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

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Stomach, Forestomach	* Stomach, Glandular	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infarct	Mild
Lymph Node	Inguinal	Hyperplasia	Moderate
	Lumbar	Hyperplasia	Marked
[Hyperplasia TGLS = 1-7]			
[Hyperplasia TGLS = 3-12]			
* Preputial Gland		Inflammation	Marked
[Inflammation TGLS = 2-9]			
* Prostate		Inflammation	Minimal
* Seminal Vesicle		Degeneration	Mild
* Skin		Inflammation	Mild
* Thymus		Atrophy	Mild
* Urinary Bladder		Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Preputial Gland	* Prostate	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
[Hyperplasia TGLS = 3-12]			
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
[Hyperplasia TGLS = 4-12]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
[Eosinophilic Focus TGLS = 5-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mild
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Minimal
	[Degeneration TGLS = 1-9]		
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Calculus Micro Observation Only	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Larynx
- * Nose
- * Prostate
- * Stomach, Forestomach
- * Trachea

- * Blood Vessel
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Pancreas
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Pituitary Gland
- * Skin
- * Testes

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Preputial Gland
- * Spleen
- * Thymus

MISSING

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

- * Adrenal Cortex
- * Kidney
- * Liver

- Hyperplasia
- Nephropathy
- Eosinophilic Focus
- Hepatocellular Adenoma

- Moderate
- Minimal
- Multiple, Mild

[Hepatocellular Adenoma TGLS = 2-12]

* Seminal Vesicle

Degeneration

Mild

[Degeneration TGLS = 1-9]

* Thyroid Gland

- Follicular Cel
- Follicular Cel

- Adenoma
- Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 2-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Infiltration Cellular	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 652

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
-------------------------	---------------------------	-----------------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Preputial Gland			

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Moderate
[Inflammation TGLS = 3-8]			
* Larynx		Infiltration Cellular	Minimal
* Prostate		Inflammation	Mild
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 7-9]			
* Testes	Interstit Cell	Adenoma	
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Marked
[Inflammation TGLS = 4,5-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:22

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-13]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-12]			
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone Marrow

* Gallbladder

* Intestine Large, Rectum

* Islets, Pancreatic

* Lymph Node, Mandibular

* Pituitary Gland

* Seminal Vesicle

* Stomach, Glandular

* Urinary Bladder

* Adrenal Medulla

* Brain

* Heart

* Intestine Small, Duodenum

* Larynx

* Lymph Node, Mesenteric

* Preputial Gland

* Skin

* Testes

* Blood Vessel

* Epididymis

* Intestine Large, Cecum

* Intestine Small, Ileum

* Liver

* Pancreas

* Prostate

* Spleen

* Thyroid Gland

* Bone

* Esophagus

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lung

* Parathyroid Gland

* Salivary Glands

* Stomach, Forestomach

* Trachea

MISSING

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Mammary Gland

OBSERVATIONS

* Kidney

* Nose

* Thymus

Nephropathy

Inflammation

Atrophy

Minimal

Minimal

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 642

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 90-5102-039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Blood Vessel	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
* Parathyroid Gland	* Prostate	* Thymus	

OBSERVATIONS

* Adrenal Cortex [Hepatocellular Carcinoma TGLS = 5-12]	Hepatocellular Carcinoma	Metastatic (Liver)
* Kidney	Pigmentation	Bile, Moderate
* Liver [Hepatocellular Carcinoma TGLS = 4-15]	Hepatocellular Carcinoma Necrosis	Mild
* Lung [Hepatocellular Carcinoma TGLS = 1-6]	Alveolar/Bronchiolar Adenoma Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery [Hepatocellular Carcinoma TGLS = 3-12]	Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Inflammation	Minimal
* Salivary Glands	Infiltration Cellular	Minimal
Skeletal Muscle [Hepatocellular Carcinoma TGLS = 2-12]	Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Gallbladder
* Intestine Small, Duodenum
* Larynx
* Lymph Node, Mesenteric
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Preputial Gland
* Spleen
* Thymus

* Blood Vessel
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mediastinal
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Lymph Node, Bronchial

* Mammary Gland

OBSERVATIONS

* Heart
* Kidney
* Liver
* Salivary Glands

Cardiomyopathy
Nephropathy
Eosinophilic Focus
Infiltration Cellular

Moderate
Minimal
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 610

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Thymus		

AUTO PRECLUDES DIAG.

* Intestine Large, Rectum	* Intestine Small, Jejunum
---------------------------	----------------------------

OBSERVATIONS

* Heart	Cardiomyopathy	Mild
* Kidney	Inflammation	Moderate
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Necrosis	Minimal
	Thrombosis	Marked
	Vein	
	[Hepatocellular Adenoma TGLS = 3-12]	
	[Hepatocellular Carcinoma TGLS = 2-5]	
* Preputial Gland	Inflammation	Mild
	[Inflammation TGLS = 4-9]	
* Prostate	Inflammation	Minimal
* Urinary Bladder	Inflammation	Moderate
	[Inflammation TGLS = 1-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Brain		Mineralization	Minimal
* Epididymis		Granuloma Sperm	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	Mild
	[Basophilic Focus TGLS = 3-5]		
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Moderate
	[Degeneration TGLS = 1-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 639

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Intestine Small, Ileum	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
--------------------------	---------------------------	-----------------	---------------------

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-5]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Pancreas	Inflammation	Mild
* Preputial Gland	Inflammation	Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-5]		
* Thymus	Atrophy	Marked
* Urinary Bladder	Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 568

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 90-5102-044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Mammary Gland	* Pituitary Gland	* Thymus

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia Pigmentation	Mild Hemosiderin, Minimal
* Epididymis		Inflammation	Minimal
* Kidney	Papilla	Inflammation Nephropathy	Mild Mild
* Liver		Hepatocellular Carcinoma Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 2-13]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Marked
[Inflammation TGLS = 1-12]			
* Prostate		Inflammation	Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 3-9]			
* Urinary Bladder		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Esophagus	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Parathyroid Gland	* Thymus		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-5]			
* Preputial Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-9]			
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 555

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lymph Node, Mandibular	* Nose
* Pancreas	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland		

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Minimal
* Heart	Cardiomyopathy	Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Moderate
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-5]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Congestion	Moderate
* Salivary Glands	Infiltration Cellular	Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 519

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Heart	* Intestine Large, Rectum	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Parathyroid Gland	* Thymus		

AUTO PRECLUDES DIAG.

* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-5]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-6]			
* Mammary Gland		Atrophy	Marked
* Nose	Nasolacrim Dct	Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 544

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Pelvis	Dilatation	Mild
[Dilatation TGLS = 2-8]			
* Lymph Node, Mandibular		Sarcoma	Metastatic (Nose)
* Nose		Sarcoma	
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 29

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Rectum
* Kidney
* Lymph Node, Bronchial
* Nose
* Skin
* Thyroid Gland

* Adrenal Medulla
* Esophagus
* Intestine Small, Duodenum
* Larynx
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Trachea

* Bone
* Heart
* Intestine Small, Ileum
* Liver
* Lymph Node, Mediastinal
* Pituitary Gland
* Stomach, Forestomach

* Bone Marrow
* Intestine Large, Colon
* Islets, Pancreatic
* Lung
* Lymph Node, Mesenteric
* Salivary Glands
* Stomach, Glandular

MISSING

* Blood Vessel
* Parathyroid Gland
* Testes

* Epididymis
* Preputial Gland
* Urinary Bladder

* Intestine Small, Jejunum
* Prostate

* Mammary Gland
* Seminal Vesicle

AUTO PRECLUDES DIAG.

* Gallbladder

* Intestine Large, Cecum

OBSERVATIONS

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Larynx
* Nose
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Trachea

* Blood Vessel
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Parathyroid Gland
* Skin
* Testes
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pituitary Gland
* Spleen
* Thymus

MISSING

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Mammary Gland

OBSERVATIONS

* Brain
* Kidney
* Liver

Mineralization
Nephropathy
Clear Cell Focus
Eosinophilic Focus
Vacuolization Cytoplasmic

Minimal
Mild
Minimal
Mild
Mild

Hepatocyte

Note: TGLs = 4-14 = no corresponding lesion.

[Eosinophilic Focus TGLS = 5-5]

* Preputial Gland

[Degeneration TGLS = 1-12]

Degeneration

Mild

* Seminal Vesicle

[Degeneration TGLS = 2-9]

Degeneration

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 101

TRT#: 2

DOSE: 75 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 677

HISTO: 90-5102-101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	* Lymph Node, Bronchial	* Mammary Gland	* Pituitary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Colon	* Intestine Small, Duodenum
---------------	--------------------------	-----------------------------

OBSERVATIONS

* Adrenal Cortex [Hyperplasia TGLS = 3-3]		Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney [Cholangiocarcinoma TGLS = 5-8]		Cholangiocarcinoma	Metastatic (Liver)
		Nephropathy	Minimal
* Liver [Cholangiocarcinoma TGLS = 4-5]		Cholangiocarcinoma	
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 1-6] [Cholangiocarcinoma TGLS = 2-6]		Alveolar/Bronchiolar Adenoma	
		Cholangiocarcinoma	Metastatic (Liver)
Lymph Node [Cholangiocarcinoma TGLS = 6-12]	Renal	Cholangiocarcinoma	Metastatic (Liver)
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 101

TRT#: 2

SEX: Male

DAY ON TEST: 677

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-101

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 102

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Mammary Gland	
---------------	-------------------------	-----------------	--

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
Note: TGLs = 4-12 = No corresponding lesion			
[Hepatocellular Adenoma TGLS = 2-5,3-12]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-6]			
* Nose		Polyp, Inflammatory	Mild
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 1-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 103

TRT#: 2

DOSE: 75 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 3-8]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-5]			
Lymph Node	Lumbar	Hyperplasia	Mild
[Hyperplasia TGLS = 4-12]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Preputial Gland		Inflammation	Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Skin		Ulcer	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 104

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Thymus
-------------------------	-----------------	---------------------	----------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	Mild
* Preputial Gland		Inflammation	Moderate
* Prostate		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
		[Degeneration TGLS = 2-9,13]	
* Skin		Inflammation	Marked
		Ulcer	Marked
		[Inflammation TGLS = 3-12]	
		[Ulcer TGLS = 3-12]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 105

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-12]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Mild
		Eosinophilic Focus	Minimal
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 4-5]			
[Hepatocellular Adenoma TGLS = 5-12,3-5]			
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 106

TRT#: 2

DOSE: 75 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5106-106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Prostate
-------------------------	-----------------	---------------------	------------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Epididymis		Leiomyoma	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Cyst	Minimal
	Epithelium	Dysplasia	Mild
	[Cyst TGLS = 4-12]		
	[Dysplasia TGLS = 4-12]		
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 5-14, 6-12]		
* Lymph Node, Mesenteric		Congestion	Moderate
		Hematopoietic Cell Proliferation	Mild
	[Congestion TGLS = 3-7]		
	[Hematopoietic Cell Proliferation TGLS = 3-7]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 107

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 2-9,13]			
* Skin		Inflammation	Marked
[Inflammation TGLS = 3-12]		Ulcer	Moderate
[Ulcer TGLS = 3-12]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 108

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
Note: METAPLASIA CONSISTS OF HETEROTOPIC BONE.			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		[Alveolar/Bronchiolar Adenoma TGLS = 1-6,12]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 109

TRT#: 2

DOSE: 75 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 531

HISTO: 90-5102-109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Thymus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Bone Marrow		Hematopoietic Cell Proliferation	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney	Pelvis	Dilatation	Mild
	Papilla	Inflammation	Mild
* Liver		Basophilic Focus	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-6]			
Lymph Node	Lumbar	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-12]			
* Lymph Node, Mandibular		Pigmentation	Hemosiderin, Mild
* Mammary Gland		Atrophy	Marked
Penis		Concretion	Moderate
[Concretion TGLS = 7-14]			
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 2-9]			
* Skin		Inflammation	Moderate
		Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 109

TRT#: 2

SEX: Male

DAY ON TEST: 531

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-109

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 6-14]

[Ulcer TGLS = 6-14]

* Urinary Bladder

Inflammation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 110

TRT#: 2

SEX: Male

DAY ON TEST: 640

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Mild
[Inflammation TGLS = 2-8]			
* Preputial Gland		Mineralization	Minimal
* Prostate		Infiltration Cellular	Mild
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 3-9]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-5]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
* Urinary Bladder		Inflammation	Marked
[Inflammation TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 111

TRT#: 2

SEX: Male

DAY ON TEST: 725

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum	Epithelium	Carcinoma	
[Carcinoma TGLS = 5-12]			
* Kidney		Inflammation	Marked
[Inflammation TGLS = 8-8]			
* Liver		Necrosis	Mild
Lymph Node	Lumbar	Hyperplasia	Marked
	Renal	Hyperplasia	Marked
[Hyperplasia TGLS = 7-12]			
[Hyperplasia TGLS = 6-13]			
* Lymph Node, Mesenteric		Inflammation	Moderate
[Inflammation TGLS = 4-7]			
* Prostate		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 111	TRT#: 2 DOSE: 75 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 725 HISTO: 90-5102-111
-----------------------	---------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Marked
		Ulcer	Mild

[Inflammation TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 112

TRT#: 2

SEX: Male

DAY ON TEST: 514

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Mammary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Intestine Large, Rectum	* Intestine Small, Jejunum
---------------------------	----------------------------

OBSERVATIONS

* Bone Marrow	Lymphoma Malignant	
* Intestine Large, Cecum	Lymphoma Malignant	
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1,2-5]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 113

TRT#: 2

SEX: Male

DAY ON TEST: 360

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Blood Vessel	* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Mammary Gland	* Thymus		

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 1-12]		
* Salivary Glands		Infiltration Cellular	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 114

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Epididymis	Fibrosis	Mild
	Infiltration Cellular	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Salivary Glands	Infiltration Cellular	Minimal
* Seminal Vesicle	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 115

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fibrosis	Minimal
		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
		Necrosis	Mild
[Fibrosis TGLS = 5-5]			
[Hepatocellular Adenoma TGLS = 3-5]			
[Inflammation TGLS = 4-5]			
[Necrosis TGLS = 5-5]			
* Lung	Alveolar Epith	Metaplasia	Minimal
Lymph Node	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-12]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 115	TRT#: 2 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 90-5102-115
-----------------------	---------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Degeneration	Mild
		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 6-9]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 116

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
-------------------------	---------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Larynx		Infiltration Cellular	Mild
* Liver		Eosinophilic Focus	Minimal
[Eosinophilic Focus TGLS = 3-5]			
* Nose		Inflammation	Minimal
* Preputial Gland		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 117

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-5]		
* Nose	Respirat Epith	Metaplasia	Squamous, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 118

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pituitary Gland	* Prostate	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-5]			
* Pancreas	Duct	Cyst	Mild
* Preputial Gland		Inflammation	Mild
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Skin		Inflammation	Mild
[Inflammation TGLS = 1-12]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 119

TRT#: 2

SEX: Male

DAY ON TEST: 594

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Gallbladder	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Thymus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Pelvis	Dilatation	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 5-6]			
* Preputial Gland		Inflammation	Mild
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 2-9]			
* Testes		Atrophy	Mild
[Atrophy TGLS = 3-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Mild
[Inflammation TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 120

TRT#: 2

SEX: Male

DAY ON TEST: 536

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Blood Vessel | * Bone | * Brain | * Epididymis |
| * Esophagus | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Larynx | * Lung |
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thyroid Gland | * Trachea | | |

MISSING

- | | | | |
|------------------|-------------------|---------------------------|-----------------|
| * Adrenal Cortex | * Adrenal Medulla | * Lymph Node, Mediastinal | * Mammary Gland |
| * Thymus | | | |

OBSERVATIONS

- | | | | |
|---|--------------|--------------------------|--------------|
| * Bone Marrow | Myeloid Cell | Hyperplasia | Moderate |
| * Kidney | | Inflammation | Mild |
| [Inflammation TGLS = 1-8] | | | |
| * Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 2-5] | | Necrosis | Minimal |
| * Preputial Gland | | Degeneration | Cystic, Mild |
| * Prostate | | Inflammation | Minimal |
| * Salivary Glands | | Infiltration Cellular | Minimal |
| * Seminal Vesicle | | Degeneration | Moderate |
| [Degeneration TGLS = 4-9] | | | |
| * Urinary Bladder | | Inflammation | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 121

TRT#: 2

DOSE: 75 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Larynx		Infiltration Cellular	Minimal
* Liver		Basophilic Focus	Mild
		Clear Cell Focus	Minimal
		Eosinophilic Focus	Mild
	Hepatocyte	Hepatocellular Adenoma	
		Syncytial Alteration	Minimal
	[Eosinophilic Focus TGLS = 3-12]		
	[Hepatocellular Adenoma TGLS = 2-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 1-9]		
* Stomach, Forestomach		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 122

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Epididymis		Granuloma Sperm	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Syncytial Alteration	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild

[Degeneration TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 123

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Carcinoma TGLS = 2-5,3-12]	
* Lymph Node, Mesenteric		Congestion	Moderate
		Hematopoietic Cell Proliferation	Moderate
		[Congestion TGLS = 4-7]	
		[Hematopoietic Cell Proliferation TGLS = 4-7]	
* Preputial Gland		Inflammation	Mild
		[Inflammation TGLS = 1-9]	
* Salivary Glands		Infiltration Cellular	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 124

TRT#: 2

SEX: Male

DAY ON TEST: 709

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

MISSING

* Bone	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex Harderian Gland	Capsule	Hyperplasia Adenoma	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Papilla	Inflammation Nephropathy	Mild Minimal
* Larynx		Infiltration Cellular	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Infiltration Cellular	Minimal
* Prostate		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle [Degeneration TGLS = 1-9]		Degeneration	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder [Inflammation TGLS = 2-8]		Inflammation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 125

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary 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
---------------------------	-----------------

OBSERVATIONS

* Kidney	Cortex	Cyst	Minimal
* Liver		Cyst	Minimal
[Cyst TGLS = 1-12]			
* Nose		Inflammation	Mild
* Preputial Gland		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 126

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
---------------	-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex [Degeneration TGLS = 1-3.1]	Degeneration	Moderate
* Brain	Mineralization	Minimal
* Kidney	Nephropathy	Minimal
* Salivary Glands	Infiltration Cellular	Minimal
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 127

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Glands	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 128

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Marked
[Inflammation TGLS = 3,4-8]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-5]		Necrosis	Minimal
* Lung	Bronchiole	Polyp Adenomatous	
Lymph Node	Renal	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-12.1]			
* Skin		Infiltration Cellular	Melanocyte, Mild
[Infiltration Cellular TGLS = 6-14]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Urinary Bladder		Inflammation	Moderate
[Inflammation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 129

TRT#: 2

SEX: Male

DAY ON TEST: 485

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Moderate
	[Hepatocellular Adenoma TGLS = 1-5]		
* Lymph Node, Mesenteric		Congestion	Moderate
		Hematopoietic Cell Proliferation	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Testes	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Moderate
	[Atrophy TGLS = 2-8]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 130

TRT#: 2

DOSE: 75 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 380

HISTO: 90-5102-130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Larynx	* Mammary Gland	* Pituitary Gland
----------	-----------------	-------------------

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Inflammation	Mild
[Inflammation TGLS = 3-8]		
* Preputial Gland	Inflammation	Moderate
* Prostate	Inflammation	Minimal
* Skin	Inflammation	Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder	Inflammation	Marked
[Inflammation TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 131

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Mammary Gland	* Pituitary Gland
---------------	-------------------------	-----------------	-------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 132

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Necrosis	Minimal
	[Hemangiosarcoma TGLS = 2-12]		
* Lung	Alveolar Epith	Hyperplasia	Marked
* Preputial Gland		Degeneration	Moderate
	[Degeneration TGLS = 1-9]		
* Salivary Glands		Infiltration Cellular	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 133

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
-------------------------	-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-12]			
* Preputial Gland		Infiltration Cellular	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 134

TRT#: 2

SEX: Male

DAY ON TEST: 580

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
	Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 2-5]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 3-6]		
* Salivary Glands	Infiltration Cellular	Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-5]		
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 135

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Blood Vessel	* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
----------------	---------------------------	-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Hyperplasia	Minimal
* Lung		Nephropathy	Minimal
Penis		Alveolar/Bronchiolar Adenoma	
[Inflammation TGLS = 1-12]		Inflammation	Mild
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 2-9]		Inflammation	Moderate
[Inflammation TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 136

TRT#: 2

SEX: Male

DAY ON TEST: 641

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
---------------	--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
	Papilla	Inflammation	Moderate
* Liver		Basophilic Focus	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-5,4-5]		
	[Hepatocellular Carcinoma TGLS = 3-12]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Seminal Vesicle		Atrophy	Moderate
* Urinary Bladder		Inflammation	Marked
	[Inflammation TGLS = 5-13]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 137

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	Mild
[Mixed Cell Focus TGLS = 3-5]			
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tissue NOS		Cyst	Mild
[Cyst TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 138

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex Harderian Gland	Capsule	Hyperplasia Adenoma	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Cortex	Cyst Nephropathy	Minimal Minimal
[Cyst TGLS = 4-8]			
* Liver		Clear Cell Focus Eosinophilic Focus Syncytial Alteration	Mild Minimal Minimal
[Clear Cell Focus TGLS = 2-5]	Hepatocyte		
[Eosinophilic Focus TGLS = 3-5]			
* Nose		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 139

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
		[Eosinophilic Focus TGLS = 3-5]	
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
		[Degeneration TGLS = 2-9]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 140

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	
-------------------------	---------------------------	-----------------	--

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Mixed Cell Focus	Moderate
		[Hepatoblastoma TGLS = 1-5]	
		[Hepatocellular Adenoma TGLS = 1-5]	
* Seminal Vesicle		Degeneration	Moderate
		[Degeneration TGLS = 2-9]	
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 141

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
-------------------------	---------------------------	-----------------

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Glands	Degeneration	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 4-5]	
		[Hepatocellular Carcinoma TGLS = 3-14]	
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
		[Degeneration TGLS = 1-9,12]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 142

TRT#: 2

DOSE: 75 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Papilla	Inflammation	Mild
		Nephropathy	Mild
[Inflammation TGLS = 6-8]			
* Larynx		Infiltration Cellular	Minimal
* Liver		Eosinophilic Focus	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Mild
		Inflammation	Mild
[Hyperplasia TGLS = 4-7]			
[Inflammation TGLS = 4-7]			
* Preputial Gland		Degeneration	Marked
		Inflammation	Mild
[Degeneration TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 2-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 142	TRT#: 2 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-5102-142
-----------------------	---------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Calculus Micro Observation Only Inflammation	Mild Moderate

[Calculus Micro Observation Only TGLS = 3-8]
[Inflammation TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 143

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
---------------	-------------------------	---------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-12]		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Skin		Inflammation	Marked
[Inflammation TGLS = 3-12]		Ulcer	Marked
[Ulcer TGLS = 3-12]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 144

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, 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

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Tissue NOS	Fat	Necrosis	Mild
[Necrosis TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 145

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 146

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Syncytial Alteration	Minimal
	[Hepatocellular Adenoma TGLS = 1-3]		
* Preputial Gland		Inflammation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 147

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Heart	Cardiomyopathy	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 1-5]		
* Salivary Glands	Infiltration Cellular	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 148

TRT#: 2

SEX: Male

DAY ON TEST: 578

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Intestine Large, Colon	* Intestine Small, Duodenum	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Pituitary Gland	* Thymus	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Pigmentation	Hemosiderin, Minimal
* Brain		Mineralization	Minimal
Lymph Node	Inguinal	Hyperplasia	Mild
	Lumbar	Hyperplasia	Mild
	Renal	Hyperplasia	Mild
	Inguinal	Pigmentation	Mild
	Lumbar	Pigmentation	Mild
[Hyperplasia TGLS = 9-15]			
[Hyperplasia TGLS = 1-14]			
[Hyperplasia TGLS = 10-13]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 4-9]			
* Skin		Cyst	Mild
[Cyst TGLS = 5-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 148

TRT#: 2
DOSE: 75 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 578
HISTO: 90-5102-148

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 149

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Moderate
		Adenoma	
Harderian Gland			
[Adenoma TGLS = 3-12]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9,13]			
* Skin	Hair Follicle	Atrophy	Mild
[Atrophy TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 150

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Syncytial Alteration	Minimal
	[Hepatocellular Adenoma TGLS = 5-5,6-12,7-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 3-9,14]		
* Skin	Sebaceous Gl	Cyst	Minimal
	[Cyst TGLS = 1-13]		
* Thyroid Gland	Follicular Cel	Adenoma	
Tissue NOS	Fat	Necrosis	Mild
	[Necrosis TGLS = 4-13]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 201

TRT#: 3

SEX: Male

DAY ON TEST: 696

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Larynx	* Mammary Gland	* Parathyroid Gland
---------------	----------	-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex [Carcinoma TGLS = 3-3]		Carcinoma	
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 2-12]		Hepatocellular Adenoma	
* Lung [Alveolar/Bronchiolar Carcinoma TGLS = 1-6]		Alveolar/Bronchiolar Carcinoma	
* Preputial Gland		Degeneration	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 202

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Mammary Gland
---------------	-------------------------	-----------------

OBSERVATIONS

* Islets, Pancreatic		Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-13]			
* Lung	Alveolar Epith	Metaplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 203

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 579

HISTO: 90-5102-203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Colon	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas

OBSERVATIONS

* Kidney	Inflammation	Marked
* Liver	Hepatocellular Carcinoma	
	Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 1-5]		
* Seminal Vesicle	Atrophy	Moderate
[Atrophy TGLS = 3-9]		
* Urinary Bladder	Calculus Micro Observation Only	Marked
[Calculus Micro Observation Only TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 204

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Larynx	Glands	Degeneration	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Syncytial Alteration	Minimal
	[Hepatocellular Adenoma TGLS = 3-12]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-6]		
* Preputial Gland		Degeneration	Mild
	[Degeneration TGLS = 1-9]		
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 2-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 205

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 722

HISTO: 90-5102-205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Papilla	Inflammation	Minimal
		Nephropathy	Mild
		[Nephropathy TGLS = 7-8]	
* Liver		Hepatocellular Adenoma	
		[Hepatocellular Adenoma TGLS = 5-5,6-12]	
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Lumbar	Hyperplasia	Moderate
	Lumbar	Inflammation	Minimal
		[Hyperplasia TGLS = 8-12]	
* Preputial Gland		Inflammation	Marked
		Necrosis	Moderate
		[Inflammation TGLS = 3-9]	
		[Necrosis TGLS = 3-9]	
* Prostate		Inflammation	Minimal
* Skin		Inflammation	Mild
		Ulcer	Moderate
		[Inflammation TGLS = 1-12]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 205

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-205

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-12]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 206

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Thymus	
---------------------------	-----------------	----------	--

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Mild
	[Hepatocellular Adenoma TGLS = 1-12]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 207

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Moderate
	[Eosinophilic Focus TGLS = 2-5,3-12,4-5,5-12]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 208

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3,4-12]		
* Seminal Vesicle		Degeneration	Minimal
	[Degeneration TGLS = 2-13]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 209

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 724

HISTO: 90-5102-209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Moderate
[Inflammation TGLS = 3-8]			
* Larynx	Glands	Degeneration	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-6]		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Skin		Hemangioma	
		Inflammation	Mild
[Hemangioma TGLS = 5-12]			
[Inflammation TGLS = 5-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 209

TRT#: 3
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 724
HISTO: 90-5102-209

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Ureter		Inflammation	Mild
[Inflammation TGLS = 2-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 210

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 705

HISTO: 90-5102-210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	Minimal
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-13]		
Lymph Node	Renal	Hyperplasia	Mild
	[Hyperplasia TGLS = 4-12]		
* Preputial Gland		Degeneration	Mild
* Prostate		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Ureter		Degeneration	Mild
	[Degeneration TGLS = 2-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 211

TRT#: 3
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 90-5102-211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Spleen
-------------------------	--------------------------	-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
	Hepatocyte	Syncytial Alteration	Minimal
[Eosinophilic Focus TGLS = 3-5,4-12.1]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Minimal
[Degeneration TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 212

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
-------------------------	--------------------------	-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Larynx	Glands	Degeneration	Mild
* Liver		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 4-12]			
* Nose		Inflammation	Mild
		Polyp, Inflammatory	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Degeneration	Mild
[Degeneration TGLS = 1-9]			
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 213

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Glands	Inflammation	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 4-5,3-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 2-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 214

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 602

HISTO: 90-5102-214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

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

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Marked
	Papilla	Necrosis	Moderate
[Inflammation TGLS = 6,7-8]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 1-12,2-13]			
Lymph Node	Lumbar	Congestion	Mild
	Renal	Congestion	Moderate
	Lumbar	Hyperplasia	Mild
	Renal	Hyperplasia	Moderate
[Congestion TGLS = 8-12,9-13]			
[Congestion TGLS = 10-14]			
[Hyperplasia TGLS = 10-14]			
[Hyperplasia TGLS = 8-12,9-13]			
* Seminal Vesicle		Inflammation	Marked
[Inflammation TGLS = 11-9]			
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 214

TRT#: 3

SEX: Male

DAY ON TEST: 602

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-214

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder
[Inflammation TGLS = 12-8]

Inflammation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 215

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 688

HISTO: 90-5102-215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Mammary Gland
------------------	-------------------	---------------	-----------------

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Pelvis	Dilatation	Mild
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 1,2-5]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 3-9]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 216

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Mild
		[Hepatocellular Adenoma TGLS = 3-14]	
* Preputial Gland		Inflammation	Marked
		[Inflammation TGLS = 1-13]	
* Skin	Prepuce	Hyperplasia	Lymphoid, Marked
		Inflammation	Marked
		Ulcer	Marked
		[Hyperplasia TGLS = 2-14]	
		[Inflammation TGLS = 5-12]	
		[Ulcer TGLS = 5-12]	
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 217

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
		Hepatocholangiocarcinoma	Metastatic (Liver)
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Minimal
	[Adenoma TGLS = 7-12]		
* Liver		Hepatocellular Adenoma	
		Hepatocholangiocarcinoma	
	[Hepatocellular Adenoma TGLS = 8-12]		
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 6-6]		
Lymph Node	Renal	Hepatocholangiocarcinoma	Metastatic (Liver)
* Lymph Node, Bronchial		Hepatocholangiocarcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hepatocholangiocarcinoma	Metastatic (Liver)
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 4-13]		
* Pancreas	Acinus	Hepatocholangiocarcinoma	Metastatic (Liver)
* Seminal Vesicle		Hepatocholangiocarcinoma	Metastatic (Liver)
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 217	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 250 PPM	DISP: Terminal Sacrifice	HISTO: 90-5102-217

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocholangiocarcinoma TGLS = 3-12,10-13]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tissue NOS	Fat	Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 5-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 218

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 642

HISTO: 90-5102-218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Lymph Node, Mediastinal
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Nose
* Seminal Vesicle
* Testes

* Blood Vessel
* Epididymis
* Intestine Large, Colon
* Preputial Gland
* Skin
* Thyroid Gland

* Bone
* Esophagus
* Larynx
* Prostate
* Stomach, Forestomach
* Trachea

MISSING

* Islets, Pancreatic
* Mammary Gland

* Lymph Node, Bronchial
* Pancreas

* Lymph Node, Mandibular
* Parathyroid Gland

* Lymph Node, Mesenteric
* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder
* Intestine Small, Jejunum

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

OBSERVATIONS

* Kidney
* Liver
* Lung
[Alveolar/Bronchiolar Carcinoma TGLS = 2,3,4,5,6-6]
* Pituitary Gland
[Carcinoma TGLS = 7-1]
* Spleen
[Atrophy TGLS = 1-12]

Hepatocyte
Pars Distalis
Lymph Follic

Nephropathy
Syncytial Alteration
Alveolar/Bronchiolar Carcinoma
Carcinoma
Atrophy

Moderate
Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 219

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 691

HISTO: 90-5102-219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 7-8]			
* Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
[Hepatocellular Adenoma TGLS = 8-13,6-14]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Metaplasia	Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 3-12]			
Lymph Node	Popliteal	Hemangioma	
[Hemangioma TGLS = 2-12]			
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 5-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 220

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Mediastinal	* Mammary Gland
---------------	---------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 221

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 683

HISTO: 90-5102-221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea

MISSING

* Larynx	* Mammary Gland	* Parathyroid Gland
----------	-----------------	---------------------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
--------------------------	-----------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Marked
[Inflammation TGLS = 2-8]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 5-12]			
Lymph Node	Renal	Hyperplasia	Marked
[Hyperplasia TGLS = 1-12]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Marked
[Inflammation TGLS = 3,4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 222

TRT#: 3

SEX: Male

DAY ON TEST: 480

DOSE: 250 PPM

DISP: Natural Death

HISTO: 90-5102-222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
* Preputial Gland			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 1-12]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 223

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 729

HISTO: 90-5102-223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Intestine Large, Rectum	* Larynx	* Lymph Node, Bronchial	* Mammary Gland
---------------------------	----------	-------------------------	-----------------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum
--------------------------	--------------------------	--------------------------

OBSERVATIONS

* Epididymis	Bilateral	Fibrosis	Marked
* Kidney	Cortex	Cyst	Minimal
[Cyst TGLS = 4-8]			
Lymph Node	Renal	Congestion	Moderate
[Congestion TGLS = 6-12]			
* Preputial Gland		Inflammation	Moderate
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 3-9]			
* Skin	Prepuce	Inflammation	Marked
	Prepuce	Ulcer	Marked
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Testes	Tunic	Fibrosis	Marked
* Thymus		Atrophy	Mild
* Urinary Bladder	Serosa	Fibrosis	Marked
[Fibrosis TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 224

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 570

HISTO: 90-5102-224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Lymph Node, Bronchial	* Thymus
------------------	-------------------	-------------------------	----------

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Kidney	Papilla	Inflammation	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	Vein	Thrombosis	Mild
	[Hepatocellular Carcinoma TGLS = 1-13]		
	Lymph Node	Hyperplasia	Moderate
	[Hyperplasia TGLS = 6-12]		
* Lymph Node, Mesenteric		Hyperplasia	Moderate
	[Hyperplasia TGLS = 5-7]		
* Mammary Gland		Atrophy	Marked
* Prostate		Inflammation	Minimal
* Seminal Vesicle		Inflammation	Moderate
	[Inflammation TGLS = 4-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder	Muscularis	Inflammation	Moderate
	Muscularis	Necrosis	Moderate
	[Necrosis TGLS = 3-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 224

TRT#: 3

SEX: Male

DAY ON TEST: 570

DOSE: 250 PPM

DISP: Natural Death

HISTO: 90-5102-224

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 225

TRT#: 3

SEX: Male

DAY ON TEST: 588

DOSE: 250 PPM

DISP: Natural Death

HISTO: 90-5102-225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Mammary Gland	* Parathyroid Gland	* Thymus	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
--------------------------	--------------------------	---------------------------	-----------------------------

OBSERVATIONS

* Brain	Mineralization	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 8,9-8,10-14]		
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 11-5,12-5]	Necrosis	Moderate
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-6]	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-6]		
* Lymph Node, Mesenteric	Congestion	Moderate
Skeletal Muscle	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 7-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 226

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Pituitary Gland
-------------------------	-----------------	-------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Mild
[Granuloma Sperm TGLS = 4-9]			
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-12]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-12]			
* Nose		Inflammation	Mild
		Polyp, Inflammatory	Mild
* Preputial Gland		Inflammation	Marked
[Inflammation TGLS = 1-9]			
* Spleen	Lymph Follic	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-5]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 227

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Brain	Mineralization	Minimal
* Heart	Cardiomyopathy	Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hepatocyte	Minimal
[Hepatocellular Adenoma TGLS = 4-5]	Necrosis	
* Lymph Node, Mesenteric	Hyperplasia	Marked
* Nose	Inflammation	Moderate
* Preputial Gland	Fibrosis	Moderate
	Inflammation	Mild
[Fibrosis TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 228

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 680

HISTO: 90-5102-228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Larynx	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
-------------------------	---------------------------	-----------------	----------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		Necrosis	Moderate
[Hepatocellular Carcinoma TGLS = 4-5+12]			
[Lymphoma Malignant TGLS = 5-5+12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-14]			
[Lymphoma Malignant TGLS = 2-8]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 228

TRT#: 3

SEX: Male

DAY ON TEST: 680

DOSE: 250 PPM

DISP: Natural Death

HISTO: 90-5102-228

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 8-7,12]

* Nose	Nasolacrim Dct	Inflammation	Minimal
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Lymphoma Malignant	

[Lymphoma Malignant TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 229

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	Mild
		Eosinophilic Focus	Mild
	Hepatocyte	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
	[Clear Cell Focus TGLS = 2-12]		
	[Hepatocellular Adenoma TGLS = 2-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Mild
		Degeneration	Mild
		Infiltration Cellular	Mild
	[Cyst TGLS = 1-9]		
	[Degeneration TGLS = 1-9]		
	[Infiltration Cellular TGLS = 1-9]		
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Moderate
	[Degeneration TGLS = 3-9]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 229

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-229

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Mineralization

Minimal

* Thymus

Atrophy

Moderate

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 230

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 524

HISTO: 90-5102-230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Nose	* Pancreas	* Preputial Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland	* Pituitary Gland	* Thymus
-------------------------	---------------------	-------------------	----------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Jejunum
---------------	-----------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Leukemia Granulocytic	
* Kidney		Inflammation	Moderate
* Liver		Basophilic Focus	Minimal
Lymph Node	Inguinal	Leukemia Granulocytic	
	Lumbar	Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 1-7]			
[Leukemia Granulocytic TGLS = 4-12]			
* Lymph Node, Mesenteric		Leukemia Granulocytic	
* Mammary Gland		Atrophy	Marked
* Prostate		Inflammation	Mild
* Seminal Vesicle		Degeneration	Mild
* Spleen		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 2-5]			
* Urinary Bladder		Inflammation	Moderate
[Inflammation TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 231

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Larynx		Infiltration Cellular	Minimal
* Liver	Hepatocyte	Syncytial Alteration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-12]		
* Seminal Vesicle		Degeneration	Moderate
	[Degeneration TGLS = 2-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 232	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 250 PPM	DISP: Terminal Sacrifice	HISTO: 90-5102-232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Papilla	Inflammation	Mild
		Nephropathy	Minimal
* Larynx		Infiltration Cellular	Minimal
Lymph Node	Lumbar	Hyperplasia	Moderate
	Lumbar	Inflammation	Mild
[Hyperplasia TGLS = 5-12]			
[Inflammation TGLS = 5-12]			
* Preputial Gland		Infiltration Cellular	Mild
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Skin	Prepuce	Degeneration	Moderate
		Inflammation	Moderate
[Degeneration TGLS = 1-12]			
[Inflammation TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 232

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-232

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 4-5]		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder [Inflammation TGLS = 3-8]		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 233

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* 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	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Rectum	* Mammary Gland
---------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Adrenal Medulla		Degeneration	Mild
		Mineralization	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 3-5]	
		[Hepatocellular Adenoma TGLS = 2-13]	
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 234

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
-------------------------	---------------------------	-----------------

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	Mild
	Hepatodiaphragmatic Nodule	Mild
	Mineralization	Mild
	Hepatocyte	Moderate
	Hepatocyte	Mild
	[Eosinophilic Focus TGLS = 2-5]	
	[Hepatodiaphragmatic Nodule TGLS = 4-12]	
	[Vacuolization Cytoplasmic TGLS = 3-5]	
* Lung	Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-12]	
* Preputial Gland	Degeneration	Marked
	Infiltration Cellular	Minimal
* Seminal Vesicle	Degeneration	Mild
	[Degeneration TGLS = 1-9,13]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 235

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 574

HISTO: 90-5102-235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Marked
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Carcinoma TGLS = 3-5]		
	[Necrosis TGLS = 2-5]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Seminal Vesicle		Atrophy	Moderate
	[Atrophy TGLS = 4-9]		
* Thymus		Atrophy	Marked
* Urinary Bladder		Infiltration Cellular	Mild
		Inflammation	Minimal
	[Infiltration Cellular TGLS = 5-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 235

TRT#: 3

SEX: Male

DAY ON TEST: 574

DOSE: 250 PPM

DISP: Natural Death

HISTO: 90-5102-235

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 236

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 237

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Larynx		Infiltration Cellular	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 4-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-6,12]		
* Nose		Inflammation	Minimal
* Preputial Gland		Inflammation	Mild
	[Inflammation TGLS = 1-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 238

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Thymus			

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Syncytial Alteration	Minimal
	[Hepatocellular Carcinoma TGLS = 2-5,1-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 239

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-5]			
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 1-9]			
* Stomach, Glandular		Inflammation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 240

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Blood Vessel	* Lymph Node, Mediastinal	* Mammary Gland
----------------	---------------------------	-----------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Gallbladder	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-5]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-5]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 2-9,13]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 241

TRT#: 3

SEX: Male

DAY ON TEST: 579

DOSE: 250 PPM

DISP: Natural Death

HISTO: 90-5102-241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
* Pituitary Gland			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Mild
	[Hepatocellular Adenoma TGLS = 1-5]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 242

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Glands	Inflammation	Mild
* Liver		Clear Cell Focus	Minimal
	Hepatocyte	Syncytial Alteration	Mild
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9,12]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 243

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* 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	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Pituitary Gland
-------------------------	-----------------	-------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	Mild
[Basophilic Focus TGLS = 2-5]			
* Preputial Gland		Degeneration	Marked
[Degeneration TGLS = 1-12]		Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 245

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 563

HISTO: 90-5102-245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

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

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Vein	Necrosis	Moderate
	[Hepatocellular Carcinoma TGLS = 3,4,5-5]	Thrombosis	Mild
* Lung		Congestion	Moderate
	[Thrombosis TGLS = 1-6]	Thrombosis	Minimal
* Preputial Gland		Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-5]		
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 246

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-5]		
* Preputial Gland		Inflammation	Mild
* Skin	Prepuce	Inflammation	Marked
	Prepuce	Ulcer	Marked
	[Inflammation TGLS = 3-12]		
	[Ulcer TGLS = 3-12]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 247

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-14]			
* Kidney	Renal Tubule	Nephropathy	Minimal
		Vacuolization Cytoplasmic	Mild
* Larynx		Foreign Body	Mild
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 2-5]			
[Hepatocellular Adenoma TGLS = 1-12,3-13]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
		Pigmentation	Hemosiderin, Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 248

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Moderate
	Hepatocyte	Hepatocellular Adenoma	
		Syncytial Alteration	Minimal
	[Clear Cell Focus TGLS = 3,5-5]		
	[Hepatocellular Adenoma TGLS = 4-5,6-12,7-12]		
* Preputial Gland		Degeneration	Mild
	[Degeneration TGLS = 1-9]		
* Prostate		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 249

TRT#: 3

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
---------------------------	-----------------	----------

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Larynx		Infiltration Cellular	Mild
* Liver		Basophilic Focus	Minimal
[Basophilic Focus TGLS = 4-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 3-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 250

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-12]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Preputial Gland		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Calculus Micro Observation Only	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 301

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 659

HISTO: 90-5102-301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Syncytial Alteration	Minimal
	[Hepatocellular Carcinoma TGLS = 1-5]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 302

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Syncytial Alteration	Minimal
* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 2-12]	Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle	[Degeneration TGLS = 3-9]	Degeneration	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 303

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Mild
		Hepatocellular Adenoma	
	[Basophilic Focus TGLS = 3-5]		
	[Hepatocellular Adenoma TGLS = 4-12]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Seminal Vesicle		Degeneration	Moderate
	[Degeneration TGLS = 1-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 304

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* 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	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Syncytial Alteration	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		[Alveolar/Bronchiolar Carcinoma TGLS = 1-12]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 305

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 618

HISTO: 90-5102-305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
-------------------------	---------------------------	-----------------

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Kidney	Pelvis	Dilatation Nephropathy	Mild Minimal
[Dilatation TGLS = 8-8.1]			
* Liver	Hepatocyte	Hepatocellular Adenoma Necrosis Syncytial Alteration	Mild Minimal
[Hepatocellular Adenoma TGLS = 9-5]			
Lymph Node	Lumbar Lumbar	Hyperplasia Pigmentation	Moderate Minimal
[Hyperplasia TGLS = 6-13,7-14]			
* Preputial Gland		Degeneration Inflammation	Mild Marked
[Degeneration TGLS = 1-9]			
* Prostate		Inflammation	Minimal
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 5-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 305	TRT#: 4	SEX: Male	DAY ON TEST: 618
	DOSE: 750 PPM	DISP: Natural Death	HISTO: 90-5102-305

ORGAN AND ACCOUNTABLE SITE STATUS

Ureter [Degeneration TGLS = 2-12]	Degeneration	Mild
* Urinary Bladder [Inflammation TGLS = 3,4-8]	Inflammation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 306

TRT#: 4

SEX: Male

DAY ON TEST: 565

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
-------------------------	-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Pigmentation	Hemosiderin, Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
Lymph Node	Lumbar	Hyperplasia	Mild
[Hyperplasia TGLS = 1-12]			
* Preputial Gland		Inflammation	Marked
[Inflammation TGLS = 4-13]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 307

TRT#: 4

SEX: Male

DAY ON TEST: 582

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Nose	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Stomach, Forestomach
* Stomach, Glandular			

OBSERVATIONS

* Liver	Necrosis	Moderate
[Necrosis TGLS = 1-5]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 308

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-13]		
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Metaplasia	Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 2-12]		
* Preputial Gland		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 309

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* 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	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 2-12]			
* Salivary Glands		Infiltration Cellular	Minimal
* Testes	Interstit Cell	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 310

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 708

HISTO: 90-5102-310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Colon	* Lymph Node, Mediastinal	* Mammary Gland
--------------------------	---------------------------	-----------------

OBSERVATIONS

* Brain	Mineralization	Minimal
* Heart	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Kidney	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Nephropathy	Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 1-8]		
* Liver	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Hemorrhage	Mild
	Hepatocellular Carcinoma	
	Hepatocyte	Minimal
	Hepatocyte	Mild
	Hepatocyte	Minimal
[Hepatocellular Carcinoma TGLS = 6-12]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-6]		
* Lymph Node, Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 3-3]		
Pleura	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 310

TRT#: 4

SEX: Male

DAY ON TEST: 708

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-310

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Carcinoma TGLS = 5-13]

* Thymus

Alveolar/Bronchiolar Carcinoma

Metastatic (Lung)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 311

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus	
-------------------------	-----------------	----------	--

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
Tongue		Inflammation	Granulomatous, Moderate

[Inflammation TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 312

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Papilla	Inflammation	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Syncytial Alteration	Mild
	[Eosinophilic Focus TGLS = 3-13]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Degeneration	Moderate
		Inflammation	Moderate
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 1-9]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Mild
		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 312

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-312

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 313

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* 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	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Larynx		Hemorrhage	Mild
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Hypertrophy	Minimal
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Syncytial Alteration	Minimal
[Hepatocellular Carcinoma TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Trachea	Glands	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 314

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 669

HISTO: 90-5102-314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Islets, Pancreatic [Carcinoma TGLS = 3-12,5-12]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Syncytial Alteration	Minimal
Lymph Node	Pancreatic	Carcinoma	
* Prostate		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 315

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 259

HISTO: 90-5102-315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
-------------------------	---------------------------	-----------------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
* Thymus			

OBSERVATIONS

* Bone Marrow		Leukemia Granulocytic	
* Kidney		Inflammation	Moderate
[Inflammation TGLS = 2-8]			
* Liver	Hepatocyte	Necrosis	Minimal
		Syncytial Alteration	Minimal
* Seminal Vesicle		Degeneration	Mild
* Spleen		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 1-5]			
* Urinary Bladder		Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 316

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
-------------------------	--------------------------	-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Necrosis	Mild
		[Eosinophilic Focus TGLS = 3-5]	
		[Hepatocellular Adenoma TGLS = 2-5]	
* Lung	Alveolar Epith	Metaplasia	Minimal
* Nose	Nasolacrim Dct	Inflammation	Mild
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
		[Degeneration TGLS = 5-9]	
* Skin		Inflammation	Moderate
		Ulcer	Mild
		[Inflammation TGLS = 1-12]	
		[Ulcer TGLS = 1-12]	
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 316

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-316

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 317

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pituitary Gland
* Preputial Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Mild
		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Minimal
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Syncytial Alteration	Mild
	[Clear Cell Focus TGLS = 2-5]		
	[Eosinophilic Focus TGLS = 3-5]		
	[Hepatocellular Adenoma TGLS = 4-12]		
* Salivary Glands		Infiltration Cellular	Mild
* Seminal Vesicle		Degeneration	Moderate
	[Degeneration TGLS = 1-9,13]		
* Urinary Bladder		Calculus Micro Observation Only	Mild
	[Calculus Micro Observation Only TGLS = 5-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 317

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-317

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 318

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Metaplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 1-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 319

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 679

HISTO: 90-5102-319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

MISSING

* Blood Vessel	* Mammary Gland	* Parathyroid Gland
----------------	-----------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney	Papilla	Inflammation	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 4-5]		
	[Hepatocellular Carcinoma TGLS = 3-5]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Prostate		Inflammation	Moderate
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 1-9]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Marked
	[Inflammation TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 320

TRT#: 4

SEX: Male

DAY ON TEST: 520

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Kidney	* Larynx	* Lung
* Nose	* Salivary Glands	* Seminal Vesicle	* Skin
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Islets, Pancreatic	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Spleen
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	

OBSERVATIONS

* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2,3-5]		
* Mammary Gland	Atrophy	Marked
* Preputial Gland	Degeneration	Moderate
* Prostate	Inflammation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 321

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Larynx	Glands	Degeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	Hepatocyte	Hyperplasia	Marked
	Hepatocyte	Hypertrophy	Minimal
	Hepatocyte	Necrosis	Moderate
	[Eosinophilic Focus TGLS = 4-12]		
	[Hepatocellular Adenoma TGLS = 5-5, 3-13]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Moderate
	[Degeneration TGLS = 2-9,14]		
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 322

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Minimal
	Hepatocyte	Syncytial Alteration	Minimal
	[Hepatocellular Adenoma TGLS = 4-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-6]		
* Preputial Gland		Degeneration	Mild
	[Degeneration TGLS = 1-9]		
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 2-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 323

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
	Hepatocyte	Syncytial Alteration	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
		[Degeneration TGLS = 2-9,12]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 324

TRT#: 4

SEX: Male

DAY ON TEST: 430

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Pituitary Gland
-------------------------	-----------------	-------------------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
---------------	--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Liver		Angiectasis	Minimal
		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Syncytial Alteration	Minimal
	[Hepatocellular Carcinoma TGLS = 3-12]		
* Lymph Node, Mandibular		Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Mild
* Seminal Vesicle		Degeneration	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Moderate
	[Inflammation TGLS = 2-8,8.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 325

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 905102-325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Blood Vessel	* Mammary Gland
----------------	-----------------

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-7]			
* Kidney	Pelvis	Dilatation	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]			
* Preputial Gland		Inflammation	Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 326

TRT#: 4

SEX: Male

DAY ON TEST: 179

DOSE: 750 PPM

DISP: Accidentally Killed

HISTO: 90-5102-326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland	

OBSERVATIONS

* Nose	Edema	Mild
	Hemorrhage	Mild
[Edema TGLS = 1-10]		
[Hemorrhage TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 327

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

MISSING

* Gallbladder	* Lymph Node, Mediastinal	* Mammary Gland
---------------	---------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Pelvis	Dilatation	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Preputial Gland		Infiltration Cellular	Moderate
		Inflammation	Mild
* Prostate		Infiltration Cellular	Mild
* Seminal Vesicle		Degeneration	Moderate
[Degeneration TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Mild
[Inflammation TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 328

TRT#: 4

SEX: Male

DAY ON TEST: 632

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
---------------------------	-----------------	----------

OBSERVATIONS

* Nose		Inflammation	Moderate
* Stomach, Forestomach	Serosa	Inflammation	Minimal
Tooth		Odontoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 329

TRT#: 4

SEX: Male

DAY ON TEST: 725

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
-------------------------	---------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Degeneration	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-4]			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-12]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Minimal
		Hepatocellular Carcinoma	
	Hepatocyte	Syncytial Alteration	Minimal
[Hepatocellular Carcinoma TGLS = 3-5]			
* Lung		Hemorrhage	Minimal
	Alveolar Epith	Metaplasia	Mild
[Hemorrhage TGLS = 2-6]			
* Pancreas	Duct	Degeneration	Mild
* Preputial Gland		Degeneration	Marked
		Infiltration Cellular	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Skin		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 329	TRT#: 4	SEX: Male	DAY ON TEST: 725
	DOSE: 750 PPM	DISP: Moribund Sacrifice	HISTO: 90-5102-329

ORGAN AND ACCOUNTABLE SITE STATUS

		Ulcer	Minimal
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Testes	Germinal Epith	Degeneration	Mild
		Mineralization	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 330

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
	Hepatocyte	Hypertrophy	Minimal
	Hepatocyte	Syncytial Alteration	Minimal
	[Eosinophilic Focus TGLS = 5-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-6]		
* Preputial Gland		Degeneration	Moderate
	[Degeneration TGLS = 1-9]		
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 2-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 331

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Mixed Cell Focus	Minimal
[Mixed Cell Focus TGLS = 5-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Congestion	Mild
		Inflammation	Minimal
[Congestion TGLS = 4-7]			
* Preputial Gland		Inflammation	Marked
[Inflammation TGLS = 1-9]			
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 3-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 332

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Marked
[Inflammation TGLS = 1,2-8]			
* Liver	Hepatocyte	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-5]		Syncytial Alteration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Prostate		Inflammation	Moderate
* Seminal Vesicle		Degeneration	Minimal
[Degeneration TGLS = 5-9]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	Multiple
* Urinary Bladder		Inflammation	Mild
[Inflammation TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 333

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 679

HISTO: 90-5102-333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Larynx	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

MISSING

* Intestine Small, Ileum	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
---------------	----------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Marked
[Inflammation TGLS = 3-8]			
* Liver	Hepatocyte	Basophilic Focus	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Syncytial Alteration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-6]			
* Preputial Gland		Inflammation	Moderate
* Prostate		Inflammation	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 1-9]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:23
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 333

TRT#: 4

SEX: Male

DAY ON TEST: 679

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-333

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2,4-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 334

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 607

HISTO: 90-5102-334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
-------------------------	---------------------------	-----------------	----------

OBSERVATIONS

* Bone [Degeneration TGLS = 5-13]	Vertebra	Degeneration	Mild
* Liver [Hepatocellular Carcinoma TGLS = 3-5,4-12]	Hepatocyte Hepatocyte	Hepatocellular Carcinoma Hypertrophy Syncytial Alteration	Minimal Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
* Pancreas	Acinus	Hyperplasia	Minimal
* Prostate		Inflammation	Minimal
* Seminal Vesicle		Atrophy	Marked
* Spleen [Atrophy TGLS = 2-5]	Lymph Follic	Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 335

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 3,4-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Mild
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:23

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 336

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 337

TRT#: 4

SEX: Male

DAY ON TEST: 660

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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, 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Mammary Gland	* Thymus
---------------	-------------------------	-----------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
	Hepatocyte	Hypertrophy	Minimal
		Necrosis	Minimal
	Hepatocyte	Syncytial Alteration	Minimal

Note: TGLs = 2-5 = No corresponding lesion
[Eosinophilic Focus TGLS = 3-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 338

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 418

HISTO: 90-5102-338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
--------------------------	--------------------------	----------------------------	-----------------

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Blood Vessel	Aorta	Sarcoma	
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Hepatocholangiocarcinoma	
	[Hepatocholangiocarcinoma TGLS = 1-12]	Hypertrophy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 2-13]	Sarcoma	
	[Sarcoma TGLS = 3-14]		
* Lymph Node, Bronchial		Sarcoma	
* Lymph Node, Mediastinal		Sarcoma	
* Thymus		Sarcoma	
Tissue NOS	Thoracic	Sarcoma	
	[Sarcoma TGLS = 4-15]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 339

TRT#: 4

SEX: Male

DAY ON TEST: 480

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
-------------------------	-----------------	----------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular

OBSERVATIONS

* Liver	Hepatocyte	Hepatocellular Carcinoma Necrosis Syncytial Alteration	Moderate Minimal
	[Hepatocellular Carcinoma TGLS = 3-12]		
* Lung		Alveolar/Bronchiolar Adenoma Hepatocellular Carcinoma	Metastatic (Liver)
	[Alveolar/Bronchiolar Adenoma TGLS = 1-6]		
* Pituitary Gland	Pars Distalis	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 340

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Epididymis		Degeneration	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 2-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Metaplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes		Atrophy	Marked
	[Atrophy TGLS = 1-8]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 341

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 2-5]		
	[Hepatocellular Adenoma TGLS = 3-5]		
* Lung	Alveolar Epith	Hyperplasia	Moderate
	[Hyperplasia TGLS = 4-12]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 342

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-12]			
* Salivary Glands		Infiltration Cellular	Minimal
* Skin		Inflammation	Moderate
		Ulcer	Moderate
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 343

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Syncytial Alteration	Minimal
	[Hepatocellular Adenoma TGLS = 3-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Infiltration Cellular	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 344

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Parathyroid Gland		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-6,12]			
* Lymph Node, Mesenteric		Congestion	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 345

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Mild
		Clear Cell Focus	Minimal
		Eosinophilic Focus	Mild
	Hepatocyte	Hypertrophy	Minimal
	Hepatocyte	Necrosis	Minimal
		Necrosis	Marked
[Basophilic Focus TGLS = 5-12]			
[Eosinophilic Focus TGLS = 6-5]			
[Necrosis TGLS = 3-12]			
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 346

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 647

HISTO: 90-5102-346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Heart
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Esophagus	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum			

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy	Minimal
		Necrosis	Minimal
	Hepatocyte	Syncytial Alteration	Minimal
Note: TGLs = 2-13 = No corresponding lesion			
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
Tissue NOS	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 347

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 659

HISTO: 90-5102-347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Hypertrophy	Minimal
	Hepatocyte	Syncytial Alteration	Minimal
	[Hepatocellular Carcinoma TGLS = 1-12]		
* Salivary Glands		Infiltration Cellular	Minimal
* Stomach, Forestomach		Cyst	Minimal
	[Cyst TGLS = 2-12]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 348

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 90-5102-348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
-------------------------	-----------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Fibrosis	Moderate
		Hemorrhage	Marked
		Hepatocellular Adenoma	
		Necrosis	Mild
		Thrombosis	Mild
[Fibrosis TGLS = 4,5,7-5]			
[Hemorrhage TGLS = 6-13,4,5,7-5]			
[Hepatocellular Adenoma TGLS = 3-12,6-13]			
[Necrosis TGLS = 4,5,7-5]			
* Lung	Alveolar Epith	Metaplasia	Minimal
* Seminal Vesicle		Degeneration	Mild
[Degeneration TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Calculus Micro Observation Only	Mild
[Calculus Micro Observation Only TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 349

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Necrosis	Moderate
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Nose	Respirat Epith	Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Trachea	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 350

TRT#: 4

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Blood Vessel	* Mammary Gland
----------------	-----------------

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Larynx	Glands	Degeneration	Minimal
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Necrosis	Mild
	[Hepatocellular Adenoma TGLS = 2-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 1-6,12]		
* Preputial Gland		Inflammation	Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Seminal Vesicle		Degeneration	Mild
	[Degeneration TGLS = 4-9,13]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 51

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* 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	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Blood Vessel	* Gallbladder	* Parathyroid Gland	
----------------	---------------	---------------------	--

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-11]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 52

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|----------------------------|--------------------------|---------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * 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 | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | |
|-----------------------------|---------------------|
| * Intestine Small, Duodenum | * Parathyroid Gland |
|-----------------------------|---------------------|

OBSERVATIONS

- | | | | |
|-------------------|----------------|-----------------------|----------|
| * Adrenal Cortex | | Degeneration | Moderate |
| | Capsule | Hyperplasia | Mild |
| * Liver | | Infiltration Cellular | Mild |
| * Salivary Glands | | Infiltration Cellular | Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Mild |
| * Uterus | Endometrium | Hyperplasia | Moderate |

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 53

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Ovary	* Parathyroid Gland
--------------------------	---------	---------------------

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-6]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 54

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Liver		Pigmentation	Hemosiderin, Mild
* Nose		Inflammation	Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Urinary Bladder		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 55

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
	Capsule	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-5]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 5-6]			
* Lymph Node, Mediastinal		Hyperplasia	Histiocytic, Mild
* Nose	Nasolacrim Dct	Inflammation	Mild
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-5]			
* Uterus	Endometrium	Hyperplasia	Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 56

TRT#: 5

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Vacuolization Cytoplasmic	Minimal Moderate
* Brain		Mineralization	Minimal
* Liver		Infiltration Cellular	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Minimal
[Cyst TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Salivary Glands		Infiltration Cellular	Mild
* Spleen	Lymph Follic	Hyperplasia Pigmentation	Mild Hemosiderin, Mild
* Thyroid Gland	Follicular Cel Follicular Cel	Adenoma Hyperplasia	Moderate
[Adenoma TGLS = 3-3]			
[Hyperplasia TGLS = 3-3]			
* Urinary Bladder		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 56

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-056

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 57

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Esophagus

* Gallbladder

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Larynx

* Liver

* Lung

* Lymph Node, Mesenteric

* Mammary Gland

* Nose

* Ovary

* Pancreas

* Parathyroid Gland

* Salivary Glands

* Skin

* Stomach, Forestomach

* Stomach, Glandular

* Thymus

* Trachea

* Urinary Bladder

MISSING

* Clitoral Gland

* Lymph Node, Bronchial

* Lymph Node, Mandibular

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex

Capsule

Hyperplasia

Moderate

* Brain

Mineralization

Minimal

* Heart

Cardiomyopathy

Minimal

* Kidney

Nephropathy

Minimal

* Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

* Spleen

Lymph Follic

Hyperplasia

Mild

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

* Uterus

Endometrium

Hyperplasia

Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 58

TRT#: 5

SEX: Female

DAY ON TEST: 725

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 90-5102-058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Clitoral Gland	* Esophagus
* Gallbladder	* 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
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Bone	* Bone Marrow	* Parathyroid Gland	
--------	---------------	---------------------	--

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Cerebellum	Atrophy	Mild
	Medulla	Atrophy	Mild
		Mineralization	Minimal
[Atrophy TGLS = 3-1]			
[Atrophy TGLS = 3-1]			
* Heart		Cardiomyopathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Salivary Glands		Infiltration Cellular	Mild
* Spleen		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-4]			
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 59

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 60

TRT#: 5

SEX: Female

DAY ON TEST: 688

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Lymph Node, Mesenteric	* Thymus
------------------	--------------------------	----------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum
---------------	--------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hemorrhage	Mild
* Brain		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-11,3-12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-5]			
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 61

TRT#: 5

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Blood Vessel	* Lymph Node, Bronchial
----------------	-------------------------

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Ovary		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Hemorrhage	Moderate
	Pars Intermed	Hyperplasia	Moderate
[Hemorrhage TGLS = 2-1]			
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 62

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hyperplasia	Mild
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 63

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-12]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Ovary		Granulosa Cell Tumor Benign	
* Pancreas		Infiltration Cellular	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus	Thymocyte	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 64

TRT#: 5
DOSE: CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 565
HISTO: 90-5102-064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-11]			
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus		Atrophy	Moderate
Tissue NOS		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 4-12]			
* Urinary Bladder		Hemorrhage	Moderate
		Ulcer	Mild
[Hemorrhage TGLS = 5-4]			
* Uterus		Degeneration	Moderate
		Leiomyosarcoma	
		Polyp Stromal	
[Degeneration TGLS = 2,3-8]			
[Polyp Stromal TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 64

TRT#: 5
DOSE: CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 565
HISTO: 90-5102-064

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 65

TRT#: 5

SEX: Female

DAY ON TEST: 639

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Clitoral Gland	* Gallbladder	* Larynx	* Lymph Node, Mediastinal
* Pituitary Gland			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
-----------------------------	--------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Nose		Carcinoma	Metastatic (Harderian Gland)
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 66

TRT#: 5

SEX: Female

DAY ON TEST: 715

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Thymus
------------------	-------------------	----------

OBSERVATIONS

* Heart		Fibrosarcoma	Metastatic (Pancreas)
[Fibrosarcoma TGLS = 1-4]			
* Kidney	Cortex	Fibrosarcoma	Metastatic (Pancreas)
[Fibrosarcoma TGLS = 4-11,8]			
* Liver		Basophilic Focus	Mild
		Fibrosarcoma	Metastatic (Pancreas)
		Hepatocellular Carcinoma	
[Fibrosarcoma TGLS = 3-11]			
[Hepatocellular Carcinoma TGLS = 3-11]			
* Lymph Node, Bronchial		Fibrosarcoma	Metastatic (Pancreas)
* Lymph Node, Mediastinal		Fibrosarcoma	Metastatic (Pancreas)
[Fibrosarcoma TGLS = 5-5]			
* Lymph Node, Mesenteric		Fibrosarcoma	Metastatic (Pancreas)
* Ovary		Fibrosarcoma	Metastatic (Pancreas)
* Pancreas		Fibrosarcoma	
[Fibrosarcoma TGLS = 2-2]			
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen	Capsule	Fibrosarcoma	Metastatic (Pancreas)
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 66

TRT#: 5

SEX: Female

DAY ON TEST: 715

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-066

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 67

TRT#: 5

SEX: Female

DAY ON TEST: 578

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 90-5102-067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Pigmentation	Hemosiderin, Mild
* Brain	Cerebrum	Oligodendroglioma Benign	
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 2-8]			
* Larynx		Infiltration Cellular	Minimal
Lymph Node	Lumbar	Hyperplasia	Mild
	Renal	Hyperplasia	Mild
[Hyperplasia TGLS = 7-11]			
[Hyperplasia TGLS = 8-12]			
* Ovary		Cyst	Mild
[Cyst TGLS = 5-8]			
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-8]			
Vagina		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 4-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 68

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Infiltration Cellular	Mild
* Ovary		Cyst	Marked
[Cyst TGLS = 2-11]			
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 69

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Liver		Inflammation	Minimal
* Nose		Hemorrhage	Mild
* Pancreas		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Urinary Bladder		Infiltration Cellular	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 70

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Pigmentation	Hemosiderin, Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-5]			
* Ovary		Angiectasis	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 71

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-5]			
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 72

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone Marrow		Inflammation	Mild
* Liver		Basophilic Focus	Mild
		Hepatocellular Carcinoma	
		[Basophilic Focus TGLS = 2-5]	
		[Hepatocellular Carcinoma TGLS = 3-5]	
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Intermed	Hyperplasia	Marked
* Salivary Glands		Infiltration Cellular	Mild
* Stomach, Glandular	Glands	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Mild
		[Hyperplasia TGLS = 1-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 73

TRT#: 5

SEX: Female

DAY ON TEST: 629

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Bone | * Esophagus | * Gallbladder | * Intestine Large, Cecum |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | | |

MISSING

- | | | | |
|-------------------------|---------------------------|---------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Intestine Large, Colon |
| * Lymph Node, Bronchial | * Lymph Node, Mediastinal | * Parathyroid Gland | * Pituitary Gland |
| * Thymus | * Urinary Bladder | | |

OBSERVATIONS

- | | | |
|--------------------------------------|--------------------|------|
| * Bone Marrow | Lymphoma Malignant | |
| * Brain | Lymphoma Malignant | |
| * Clitoral Gland | Lymphoma Malignant | |
| * Heart | Lymphoma Malignant | |
| * Kidney | Lymphoma Malignant | |
| * Larynx | Lymphoma Malignant | |
| * Liver | Lymphoma Malignant | |
| * Lung | Lymphoma Malignant | |
| * Lymph Node, Mandibular | Lymphoma Malignant | |
| * Lymph Node, Mesenteric | Lymphoma Malignant | |
| * Nose | Lymphoma Malignant | |
| * Ovary | Lymphoma Malignant | |
| * Pancreas | Lymphoma Malignant | |
| * Salivary Glands | Lymphoma Malignant | |
| * Skin | Lymphoma Malignant | |
| | Ulcer | Mild |
| [Lymphoma Malignant TGLS = 3-7,11] | | |
| [Ulcer TGLS = 3-7,11] | | |
| * Spleen | Lymphoma Malignant | |
| [Lymphoma Malignant TGLS = 1-5] | | |
| * Stomach, Forestomach | Lymphoma Malignant | |
| * Stomach, Glandular | Lymphoma Malignant | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 73	TRT#: 5 DOSE: CONTROL	SEX: Female DISP: Natural Death	DAY ON TEST: 629 HISTO: 90-5102-073
----------------------	--	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Minimal
* Trachea		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 74

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus	* Parathyroid Gland
-------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
	Capsule	Hyperplasia	Mild
* Bone	Femur, Periosteum	Inflammation	Mild
* Kidney		Casts Protein	Minimal
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 4-12,6]		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 75

TRT#: 5

SEX: Female

DAY ON TEST: 597

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 90-5102-075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Thymus
---------------------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Necrosis	Moderate Moderate
* Brain [Hemorrhage TGLS = 9-1]	Medulla	Hemorrhage	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
Lymph Node [Pigmentation TGLS = 4-13]	Inguinal	Pigmentation	Hemosiderin, Mild
* Pancreas	Acinus	Hyperplasia	Minimal
* Skin [Inflammation TGLS = 8-12]		Inflammation	Mild
Spinal Cord [Hemorrhage TGLS = 10-14]	Myelin	Degeneration Hemorrhage	Minimal Moderate
* Uterus [Hyperplasia TGLS = 6-8]	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 76

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 1-11]			
[Hepatocellular Adenoma TGLS = 1-11]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 77

TRT#: 5

SEX: Female

DAY ON TEST: 718

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Bone Marrow

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Jejunum
-----------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
	Capsule	Hyperplasia	Mild
* Blood Vessel	Adventitia	Hepatocellular Carcinoma	Metastatic (Liver)
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Vein	Thrombosis	Moderate
[Hepatocellular Carcinoma TGLS = 3-12,6]			
* Lymph Node, Bronchial		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-6]			
* Lymph Node, Mediastinal		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-3]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Pancreas		Infiltration Cellular	Minimal
Pleura		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 5-11]			
* Salivary Glands		Infiltration Cellular	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 77	TRT#: 5 DOSE: CONTROL	SEX: Female DISP: Natural Death	DAY ON TEST: 718 HISTO: 90-5102-077
----------------------	--	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hepatocellular Carcinoma	Metastatic (Liver)
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 78

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Parathyroid Gland
------------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Liver		Eosinophilic Focus	Mild
* Ovary		Angiectasis	Moderate
		Cyst	Moderate
[Cyst TGLS = 2-11]			
* Spleen		Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 79

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		[Hepatocellular Carcinoma TGLS = 4-5]	
		[Lymphoma Malignant TGLS = 3-5]	
* Ovary		Cyst	Minimal
		[Cyst TGLS = 1-8]	
* Spleen	Lymph Follic	Hyperplasia	Marked
		Lymphoma Malignant	
		[Hyperplasia TGLS = 2-5]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
		[Hyperplasia TGLS = 6-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 80

TRT#: 5

SEX: Female

DAY ON TEST: 215

DOSE: CONTROL

DISP: Accidentally Killed

HISTO: 90-5102-080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Heart	* Intestine Large, Colon	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Esophagus	* Intestine Small, Duodenum
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Nose
Note: Unable to evaluate nose due to fracture.

* Parathyroid Gland
Note: Parathyroid on slide 2.

* Thyroid Gland
Note: Thyroid on slide 2.

* Urin Bladder
Note: Urinary bladder on slide 8.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 81

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* 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, 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

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Parathyroid Gland
---------------	-------------------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
	Capsule	Hyperplasia	Mild
* Bone Marrow		Pigmentation	Hemosiderin, Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 2-5]			
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 82

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* 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	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Gallbladder		Infiltration Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	Minimal
* Pancreas		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 83

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mediastinal		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 84

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
	Capsule	Hyperplasia	Moderate
		Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Infiltration Cellular	Moderate
* Kidney		Nephropathy	Minimal
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Stomach, Glandular		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 85

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-11,12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 86

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
	Capsule	Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Skin		Necrosis	Mild
[Necrosis TGLS = 1-11]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Degeneration	Mild
		Hyperplasia	Mild
		Inflammation	Mild
[Degeneration TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 87

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Moderate
* Salivary Glands		Infiltration Cellular	Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-5]			
* Uterus	Endometrium	Adenoma	
	Endometrium	Hyperplasia	Moderate
[Adenoma TGLS = 3-11]			
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 88

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	Minimal
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hemorrhage	Mild
	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 89

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
Note: TGLs = 3-11 = no corresponding lesion [Hepatocellular Adenoma TGLS = 2-11]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 90

TRT#: 5

SEX: Female

DAY ON TEST: 501

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 90-5102-090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Capsule	Hyperplasia	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Nose		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 91

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Marked
		Inflammation	Minimal

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 92

TRT#: 5

SEX: Female

DAY ON TEST: 592

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* 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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Blood Vessel	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
----------------	--------------------------	---------------------------

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Leukemia Granulocytic	
* Brain		Hemorrhage	Mild
		Mineralization	Minimal
[Hemorrhage TGLS = 6-1]			
* Kidney		Leukemia Granulocytic	
* Liver		Leukemia Granulocytic	
* Lymph Node, Mesenteric		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 4-7]			
* Spleen		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 3-5]			
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 93

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hemorrhage	Mild
	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 94

TRT#: 5

SEX: Female

DAY ON TEST: 618

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 90-5102-094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Hemorrhage	Minimal
* Liver		Necrosis	Minimal
* Lung		Hemorrhage	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 1-5]			
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 95

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 96

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Cerebrum	Atrophy	Mild
[Atrophy TGLS = 4-1]			
* Liver		Basophilic Focus	Minimal
[Hepatocellular Adenoma TGLS = 1-11]		Hepatocellular Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 97

TRT#: 5

DOSE: CONTROL

SEX: Female

DISP: Natural Death

DAY ON TEST: 423

HISTO: 90-5102-097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant
* Bone Marrow		Lymphoma Malignant
* Heart	Epicardium	Lymphoma Malignant
* Intestine Large, Rectum		Lymphoma Malignant
* Intestine Small, Ileum		Lymphoma Malignant
* Kidney		Lymphoma Malignant
* Liver		Lymphoma Malignant
[Lymphoma Malignant TGLS = 8-5]		
* Lung		Lymphoma Malignant
Lymph Node	Iliac	Lymphoma Malignant
	Inguinal	Lymphoma Malignant
	Lumbar	Lymphoma Malignant
	Renal	Lymphoma Malignant
[Lymphoma Malignant TGLS = 4-14]		
[Lymphoma Malignant TGLS = 11-7]		
[Lymphoma Malignant TGLS = 5-11]		
[Lymphoma Malignant TGLS = 6-12]		
* Lymph Node, Bronchial		Lymphoma Malignant
* Lymph Node, Mandibular		Lymphoma Malignant
* Lymph Node, Mediastinal		Lymphoma Malignant
* Lymph Node, Mesenteric		Lymphoma Malignant
[Lymphoma Malignant TGLS = 7,10-15]		
* Ovary		Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 97	TRT#: 5 DOSE: CONTROL	SEX: Female DISP: Natural Death	DAY ON TEST: 423 HISTO: 90-5102-097
----------------------	--	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas [Lymphoma Malignant TGLS = 2-13]	Lymphoma Malignant
* Spleen	Lymphoma Malignant
* Stomach, Forestomach	Lymphoma Malignant
* Thymus [Lymphoma Malignant TGLS = 1-2]	Lymphoma Malignant
* Uterus [Lymphoma Malignant TGLS = 9-8]	Lymphoma Malignant

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 98

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Bronchial	* Urinary Bladder
-------------------------	-------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-11]			
* Salivary Glands		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 99

TRT#: 5

SEX: Female

DAY ON TEST: 694

DOSE: CONTROL

DISP: Natural Death

HISTO: 90-5102-099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

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

AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum
--------------------------	-----------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-11]		
* Ovary		Cyst	Mild
	[Cyst TGLS = 3-8,11]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Mild
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 100

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 90-5102-100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
	Capsule	Hyperplasia	Mild
* Brain	Cerebrum	Atrophy	Mild
		Mineralization	Minimal
[Atrophy TGLS = 4-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 151

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Parathyroid Gland
---------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Meninges	Infiltration Cellular	Minimal
* Heart		Cardiomyopathy	Minimal
* Larynx	Glands	Degeneration	Minimal
* Liver		Eosinophilic Focus	Mild
Lymph Node	Iliac	Hyperplasia	Mild
	Lumbar	Hyperplasia	Mild
[Hyperplasia TGLS = 3-11]			
[Hyperplasia TGLS = 4-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Adenoma	Multiple
Tissue NOS	Fat	Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 152

TRT#: 6

SEX: Female

DAY ON TEST: 300

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Colon	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mesenteric	* Thymus
--------------------------	----------

AUTO PRECLUDES DIAG.

* Blood Vessel	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart	Epicardium	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
* Ovary		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 153

TRT#: 6

SEX: Female

DAY ON TEST: 495

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone Marrow		Hematopoietic Cell Proliferation	Marked
* Lung		Sarcoma	Metastatic (Uterus)
* Ovary		Atrophy	Marked
[Atrophy TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-5]			
* Stomach, Glandular	Serosa	Sarcoma	Metastatic (Uterus)
* Thymus		Atrophy	Marked
* Urinary Bladder	Serosa	Sarcoma	Metastatic (Uterus)
* Uterus		Sarcoma	
[Sarcoma TGLS = 2-8,11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 154

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* 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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
* Bone		Fracture	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-11]			
* Liver		Eosinophilic Focus	Minimal
[Eosinophilic Focus TGLS = 5-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-5]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 155

TRT#: 6

SEX: Female

DAY ON TEST: 590

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Rectum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Trachea	* Urinary Bladder		

MISSING

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

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Kidney		Cholangiocarcinoma	Metastatic (Liver)
		Nephropathy	Mild
* Liver		Cholangiocarcinoma	
[Cholangiocarcinoma TGLS = 2,3-11]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-6]			
* Pancreas		Necrosis	Moderate
* Spleen		Necrosis	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tissue NOS	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-12]			
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 156

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-1]			
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 157

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-5]		
* Pancreas		Infiltration Cellular	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen	Lymph Follic	Hyperplasia	Marked
	[Hyperplasia TGLS = 3-5]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 158

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	Minimal
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mediastinal		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Salivary Glands		Infiltration Cellular	Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-5]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 159

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|---------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Gallbladder | * 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 | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|-------------------|-------------|-----------------------|---------|
| * Adrenal Cortex | Capsule | Hyperplasia | Mild |
| * Bone | | Fracture | Mild |
| * Heart | | Cardiomyopathy | Minimal |
| * Liver | | Inflammation | Minimal |
| | | Necrosis | Minimal |
| * Salivary Glands | | Atrophy | Minimal |
| | | Infiltration Cellular | Minimal |
| * Uterus | Endometrium | Hyperplasia | Marked |

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 160

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Liver		Inflammation	Mild
		Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Salivary Glands		Infiltration Cellular	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 161

TRT#: 6

SEX: Female

DAY ON TEST: 602

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Intestine Small, Jejunum	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pituitary Gland	* Thymus	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
--------------------------	---------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-5]		
* Uterus		Degeneration	Mild
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 162

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
Lymph Node	Iliac	Hemangioma	
	Renal	Hemangiosarcoma	
[Hemangioma TGLS = 3-11]			
[Hemangiosarcoma TGLS = 6-12]			
* Mammary Gland		Galactocele	Mild
		Hyperplasia	Mild
[Galactocele TGLS = 1-7,11]			
[Hyperplasia TGLS = 1-7,11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Salivary Glands		Infiltration Cellular	Mild
Tissue NOS	Fat	Necrosis	Mild
[Necrosis TGLS = 7-11,2-12]			
* Urinary Bladder		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 163

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 164

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 165

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Meninges	Infiltration Cellular	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Pancreas		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Urinary Bladder		Infiltration Cellular	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 166

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Angiectasis	Mild
[Angiectasis TGLS = 3-5]			
* Lymph Node, Mediastinal		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 167 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 703
DOSE: 75 PPM **DISP:** Moribund Sacrifice **HISTO:** 90-5102-167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* 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	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Esophagus		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
[Hepatocellular Adenoma TGLS = 6-5]			
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-11]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5]			
* Mammary Gland		Lymphoma Malignant	
* Pancreas		Atrophy	Moderate
		Cyst	Marked
		Fibrosis	Moderate
		Infiltration Cellular	Moderate
[Cyst TGLS = 3-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 167	TRT#: 6	SEX: Female	DAY ON TEST: 703
	DOSE: 75 PPM	DISP: Moribund Sacrifice	HISTO: 90-5102-167

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-5]		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Atrophy	Marked
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Mild
		Lymphoma Malignant	
[Hyperplasia TGLS = 4-8]			
[Lymphoma Malignant TGLS = 9-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 168

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 169

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 170

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-11]		
* Ovary		Angiectasis	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Skin		Hemangioma	
	[Hemangioma TGLS = 2-11]		
* Uterus	Endometrium	Hyperplasia	Marked
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 171

TRT#: 6

DOSE: 75 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

MISSING

* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
Lymph Node	Lumbar	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-12]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Pancreas		Angiectasis	Mild
		Atrophy	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-5]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 172

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 173

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Pancreas		Infiltration Cellular	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 174

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland	* Urinary Bladder
---------------------	-------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Cerebrum	Atrophy	Mild
		Mineralization	Minimal
	[Atrophy TGLS = 4-1]		
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-11]		
* Ovary		Cyst	Minimal
	[Cyst TGLS = 5-8]		
* Pancreas		Infiltration Cellular	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-1]		
* Salivary Glands		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 175

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 4-5]	
		[Hepatocellular Carcinoma TGLS = 3-5]	
* Lymph Node, Mediastinal		Hyperplasia	Marked
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus	Thymocyte	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tissue NOS		Hemangiosarcoma	
		[Hemangiosarcoma TGLS = 2-11]	
* Uterus	Endometrium	Hyperplasia	Moderate
		[Hyperplasia TGLS = 1-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 176

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Pancreas		Infiltration Cellular	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 177

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Blood Vessel	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Parathyroid Gland
----------------	-------------------------	--------------------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Liver		Hemangioma	
[Hemangioma TGLS = 2-5]			
* Pancreas		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Mild
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 178

TRT#: 6

SEX: Female

DAY ON TEST: 697

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Parathyroid Gland
-------------------------	--------------------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	Multiple
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 179

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Larynx	* Parathyroid Gland
----------	---------------------

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-6]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 180

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 181

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Liver		Pigmentation	Hemosiderin, Mild
[Pigmentation TGLS = 2,3-5]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 182

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Marked
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 183

TRT#: 6

SEX: Female

DAY ON TEST: 697

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 3-11]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 184

TRT#: 6

DOSE: 75 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 723

HISTO: 90-5102-184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Nose	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Inflammation	Mild Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Larynx	Glands	Degeneration	Minimal
* Liver		Hepatocellular Carcinoma Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 3-5]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4,5-11]		
* Lymph Node, Mesenteric		Hyperplasia Inflammation	Moderate Mild
* Mammary Gland		Carcinoma	
	[Carcinoma TGLS = 1-12]		
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Intermed	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
Skeletal Muscle		Carcinoma	Metastatic (Mammary Gland)
	[Carcinoma TGLS = 6-11]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-5]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 184

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-184

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 185

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus	Thymocyte	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 186

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 187

TRT#: 6

SEX: Female

DAY ON TEST: 562

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Intestine Small, Jejunum	* Thymus
----------------------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Pigmentation	Hemosiderin, Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Osteosarcoma	Metastatic (Tissue Nos)
Lymph Node	Lumbar	Osteosarcoma	Metastatic (Tissue Nos)
[Osteosarcoma TGLS = 3-11]			
* Salivary Glands		Infiltration Cellular	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
Tissue NOS	Abdominal	Osteosarcoma	
[Osteosarcoma TGLS = 4-12]			
* Urinary Bladder		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 188

TRT#: 6

SEX: Female

DAY ON TEST: 584

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Larynx	* Mammary Gland	* Nose	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-15]			
[Lymphoma Malignant TGLS = 8-14]			
[Lymphoma Malignant TGLS = 6-16]			
[Lymphoma Malignant TGLS = 1-11]			
[Lymphoma Malignant TGLS = 4-12]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-3]			
* Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 188

TRT#: 6

SEX: Female

DAY ON TEST: 584

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-188

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-2]		
* Lymph Node, Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-13]		
* Ovary	Cyst	Moderate
	Lymphoma Malignant	
[Cyst TGLS = 9-8]		
* Pancreas	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]		
* Stomach, Glandular	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	
* Uterus	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 189

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-5]			
* Pancreas		Infiltration Cellular	Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 5-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 190

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Mammary Gland	* Nose	* Ovary
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-5]			
* Pancreas		Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 191

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-11]		
* Pancreas		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 192

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Larynx | * Liver | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Pituitary Gland | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- | | |
|-------------|-------------------------|
| * Esophagus | * Lymph Node, Bronchial |
|-------------|-------------------------|

OBSERVATIONS

- | | | | |
|---------------------|-------------|-----------------------|---------|
| * Adrenal Cortex | Capsule | Hyperplasia | Minimal |
| * Parathyroid Gland | | Infiltration Cellular | Mild |
| * Salivary Glands | | Infiltration Cellular | Minimal |
| * Uterus | Endometrium | Hyperplasia | Marked |

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 193

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Inflammation	Mild Mild
* Brain		Mineralization	Minimal
* Kidney	Cortex	Metaplasia	Osseous, Minimal
* Liver		Hepatocellular Adenoma Inflammation	Mild
	Hepatocyte	Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 5-11]		
* Lymph Node, Mesenteric		Inflammation	Moderate
* Nose		Inflammation	Mild
* Pancreas		Infiltration Cellular	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Skin		Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-12]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-5]		
Tissue NOS	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-11]		
* Uterus	Endometrium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 193

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-193

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 194

TRT#: 6

SEX: Female

DAY ON TEST: 639

DOSE: 75 PPM

DISP: Natural Death

HISTO: 90-5102-194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Lymphoma Malignant	
* Kidney		Nephropathy	Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Necrosis	Moderate
		[Lymphoma Malignant TGLS = 15-15,16-16]	
		[Lymphoma Malignant TGLS = 2-11,3-12]	
		[Lymphoma Malignant TGLS = 13-13,14-14]	
* Lymph Node, Mandibular		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-2]	
* Lymph Node, Mediastinal		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 194	TRT#: 6	SEX: Female	DAY ON TEST: 639
	DOSE: 75 PPM	DISP: Natural Death	HISTO: 90-5102-194

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Necrosis	Moderate
[Lymphoma Malignant TGLS = 12-7]			
* Ovary		Cyst	Marked
[Cyst TGLS = 11-8]			
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
Ureter		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-11]			
* Uterus	Endometrium	Hyperplasia	Minimal
[Hyperplasia TGLS = 9-8,17]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 195

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* 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, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 196

TRT#: 6

SEX: Female

DAY ON TEST: 642

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Parathyroid Gland	* Thymus
---------------	---------------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Inflammation	Moderate Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Lung		Carcinoma	Metastatic (Mammary Gland)
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-5]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 197

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 198

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Esophagus	* Parathyroid Gland
-------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Hyperplasia	Mild
* Liver		Mineralization	Minimal
* Lymph Node, Bronchial		Eosinophilic Focus	Mild
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 199

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
		Infiltration Cellular	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Lung		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 200

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5,6-11]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7,8-5]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-11]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]		Polyp Stromal	
[Polyp Stromal TGLS = 4-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 200

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-200

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 251

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Meninges	Infiltration Cellular	Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Urinary Bladder		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 252

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 253

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 254

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-5,3-5]			
* Pancreas		Infiltration Cellular	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 255

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Nose		Inflammation	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 256

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Gallbladder |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Larynx | * Liver | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Parathyroid Gland | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Bronchial

OBSERVATIONS

- | | | | |
|-------------------|---------------|-----------------------|---------|
| * Adrenal Cortex | Capsule | Hyperplasia | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Pancreas | | Infiltration Cellular | Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| * Salivary Glands | | Infiltration Cellular | Minimal |
| * Uterus | Endometrium | Hyperplasia | Marked |

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 257

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
[Cyst TGLS = 3-11]			
* Larynx		Degeneration	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[Angiectasis TGLS = 2-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 258

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Larynx		Infiltration Cellular	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	Moderate
	Hepatocyte	Syncytial Alteration	Minimal
	[Hepatocellular Adenoma TGLS = 2-5,3-5,5-11,6-11,7-11]		
	[Mixed Cell Focus TGLS = 2-5]		
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Ovary		Infiltration Cellular	Mild
* Pancreas		Infiltration Cellular	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 8-1]		
* Salivary Glands		Infiltration Cellular	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 258

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-258

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 259

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Infiltration Cellular	Mild
* Liver		Basophilic Focus	Mild
[Basophilic Focus TGLS = 1-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 260

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 446

HISTO: 90-5102-260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Larynx	* Thymus
----------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone	Rib	Sarcoma	Metastatic (Tissue Nos)
[Sarcoma TGLS = 1-12]			
* Clitoral Gland		Atrophy	Moderate
* Heart		Cardiomyopathy	Mild
* Lung		Sarcoma	Metastatic (Tissue Nos)
[Sarcoma TGLS = 3-6,14; 4-11]			
* Mammary Gland		Galactocele	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-5]			
Tissue NOS	Pelvic	Sarcoma	
[Sarcoma TGLS = 8-13]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 261

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Clitoral Gland	* Esophagus
* Gallbladder	* 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	* Mammary Gland	* Nose	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone	Vertebra	Osteosarcoma	
[Osteosarcoma TGLS = 7-13]			
* Bone Marrow		Pigmentation	Hemosiderin, Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-5]			
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Ovary		Infiltration Cellular	Moderate
* Pancreas		Infiltration Cellular	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Skin	Sebaceous GI	Adenoma	
		Inflammation	Moderate
		Ulcer	Mild
[Adenoma TGLS = 2-11]			
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 261	TRT#: 7	SEX: Female	DAY ON TEST: 732
	DOSE: 250 PPM	DISP: Terminal Sacrifice	HISTO: 90-5102-261

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 5-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 262

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Minimal
[Basophilic Focus TGLS = 2-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pancreas		Infiltration Cellular	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 263

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 264

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
* Urinary Bladder		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Slide 5 contains Thymus and Lymph Node, Mediastinal.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 265

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 3-4]			
* Kidney		Nephropathy	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 266

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone		Arthrosis	Marked
[Arthrosis TGLS = 5-13]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-12]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 267

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Bronchial

OBSERVATIONS

- | | | | |
|---------------------------------------|-------------|------------------------|----------------------|
| * Adrenal Cortex | Capsule | Hyperplasia | Mild |
| * Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 1-5] | | | |
| * Ovary | | Cyst | Mild |
| * Spleen | | Pigmentation | Hemosiderin, Minimal |
| * Uterus | | Angiectasis | Mild |
| | Endometrium | Hyperplasia | Moderate |
| [Angiectasis TGLS = 2-8] | | | |
| [Hyperplasia TGLS = 3-8] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 268

TRT#: 7

SEX: Female

DAY ON TEST: 86

DOSE: 250 PPM

DISP: Accidentally Killed

HISTO: 90-5102-268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Blood Vessel	* Intestine Large, Rectum	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Skin	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Thymus	Atrophy	Mild
----------	---------	------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 269

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|---------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Gallbladder | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Larynx |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Lymph Node, Bronchial

OBSERVATIONS

- | | | | |
|-------------------|----------------|-----------------------|----------|
| * Adrenal Cortex | Capsule | Hyperplasia | Mild |
| * Brain | | Mineralization | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| * Salivary Glands | | Infiltration Cellular | Mild |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Minimal |
| | | Infiltration Cellular | Minimal |
| * Uterus | Endometrium | Hyperplasia | Moderate |

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 270

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Glands	Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
Tissue NOS	Fat	Necrosis	Minimal
[Necrosis TGLS = 1-11]			
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 271

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

MISSING

* Parathyroid Gland	* Pituitary Gland	* Urinary Bladder
---------------------	-------------------	-------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Lymph Node, Bronchial		Hyperplasia	Mild
* Skin		Fibrosis	Marked
		Inflammation	Moderate
		Ulcer	Moderate
[Fibrosis TGLS = 1-7]			
[Inflammation TGLS = 1-7]			
[Ulcer TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tissue NOS	Fat	Necrosis	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
		Thrombosis	Mild
[Hyperplasia TGLS = 2-8]			
[Thrombosis TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 272

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Parathyroid Gland
---------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tissue NOS	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 273

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Urinary Bladder		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 274

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 682

HISTO: 90-5102-274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Blood Vessel	* Gallbladder	* Parathyroid Gland
----------------	---------------	---------------------

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 2-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Pituitary Gl			
Note: NO CORRELATING LESION FOR TGL 3-1.			
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 275

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Cerebrum	Atrophy	Minimal
[Atrophy TGLS = 8-1]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-11]			
* Heart		Cardiomyopathy	Mild
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-11]			
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-12]			
[Lymphoma Malignant TGLS = 4-11]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 275

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-275

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-5]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

* Uterus

Endometrium

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 276

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 708

HISTO: 90-5102-276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Clitoral Gland	* Parathyroid Gland	* Urinary Bladder
------------------	---------------------	-------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-6]			
* Nose		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 277

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-5]			
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 278

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 279

TRT#: 7

SEX: Female

DAY ON TEST: 437

DOSE: 250 PPM

DISP: Natural Death

HISTO: 90-5102-279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

AUTO PRECLUDES DIAG.

- * Gallbladder

OBSERVATIONS

- | | | | |
|------------------------------------|---------|--------------------|--------|
| * Adrenal Cortex | Capsule | Hyperplasia | Mild |
| * Lymph Node, Mandibular | | Lymphoma Malignant | |
| [Lymphoma Malignant TGLS = 1-11] | | | |
| * Thymus | | Atrophy | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 280

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 707

HISTO: 90-5102-280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Larynx

AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular
--------------------------	----------------------------	------------------------	----------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Capsule	Lymphoma Malignant	
* Brain		Mineralization	Minimal
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-11]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-12]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 281

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 3-1]			
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 282

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Adenoma	
		Infiltration Cellular	Minimal
[Adenoma TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 283

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Larynx | * Liver | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Bronchial

OBSERVATIONS

- | | | | |
|-------------------|----------------|-----------------------|---------|
| * Adrenal Cortex | Capsule | Hyperplasia | Mild |
| * Brain | | Mineralization | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| * Salivary Glands | | Infiltration Cellular | Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Minimal |
| * Uterus | Endometrium | Hyperplasia | Marked |

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 284

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 285

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 701

HISTO: 90-5102-285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Thyroid Gland	* Trachea		

MISSING

* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Pituitary Gland	* Thymus
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Stomach, Forestomach
* Stomach, Glandular			

OBSERVATIONS

* Brain		Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 1,2-11]			
* Ovary		Hemorrhage	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 286

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 705

HISTO: 90-5102-286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|--------------------------|---------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Islets, Pancreatic | * Kidney |
| * Larynx | * Lung | * Lymph Node, Bronchial | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Parathyroid Gland | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

AUTO PRECLUDES DIAG.

- * Intestine Small, Jejunum

OBSERVATIONS

- | | | | |
|-------------------|---------------|------------------------|----------|
| * Adrenal Cortex | Capsule | Hyperplasia | Minimal |
| * Liver | | Hemorrhage | Moderate |
| | | Hepatocellular Adenoma | |
| | | | |
| | | | |
| | | | |
| | | | |
| * Pancreas | | Infiltration Cellular | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| * Salivary Glands | | Infiltration Cellular | Minimal |
| * Uterus | Endometrium | Hyperplasia | Marked |
| | | | |
| | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 287

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Larynx	Glands	Degeneration	Minimal
* Liver		Basophilic Focus	Moderate
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-5]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4-6]		
* Salivary Glands		Infiltration Cellular	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
* Uterus	Endometrium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 288

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
		Hemorrhage	Minimal
	Capsule	Hyperplasia	Mild
* Brain	Cerebrum	Atrophy	Moderate
	[Atrophy TGLS = 3-1]		
* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus	Mild
		Hepatodiaphragmatic Nodule	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-1]		
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 289

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-8]			
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 290

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:24

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 291

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:24
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 292	TRT#: 7	SEX: Female	DAY ON TEST: 731
	DOSE: 250 PPM	DISP: Terminal Sacrifice	HISTO: 90-5102-292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Necrosis	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 293

TRT#: 7

SEX: Female

DAY ON TEST: 694

DOSE: 250 PPM

DISP: Natural Death

HISTO: 90-5102-293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Ovary	* Thymus
-------------------------	---------------------------	---------	----------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum
---------------	--------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hemorrhage	Mild
[Hemorrhage TGLS = 3-1]			
* Salivary Glands		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 294

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 659

HISTO: 90-5102-294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Glandular
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Malignant	
	[Pheochromocytoma Malignant TGLS = 6-3]		
* Bone Marrow		Lymphoma Malignant	
* Heart		Cardiomyopathy	Marked
* Islets, Pancreatic		Hyperplasia	Mild
		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 4-11]	Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 1,3-5]		
* Lung		Hemorrhage	Mild
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Mild
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-5]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:25
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 294	TRT#: 7	SEX: Female	DAY ON TEST: 659
	DOSE: 250 PPM	DISP: Natural Death	HISTO: 90-5102-294

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Ulcer	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mild
* Uterus	Myometrium	Hemangioma	
	Endometrium	Hyperplasia	Mild
[Hemangioma TGLS = 7-8]			
[Hyperplasia TGLS = 8-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 295

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Larynx	Glands	Degeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hemorrhage	Mild
		Hyperplasia	Marked
[Hemorrhage TGLS = 2-8]			
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 296

TRT#: 7

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	Minimal
		[Eosinophilic Focus TGLS = 6-11]	
		[Hepatocellular Adenoma TGLS = 2-5]	
		[Hepatodiaphragmatic Nodule TGLS = 3-11]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Minimal
* Skin		Hemangioma	
		[Hemangioma TGLS = 4-11]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
		[Hyperplasia TGLS = 5-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 297

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Parathyroid Gland
-------------------------	--------------------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Skin		Hemangioma	
[Hemangioma TGLS = 1-11]			
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 298

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Marked
		Polyp Stromal	

[Hyperplasia TGLS = 1-8]

[Polyp Stromal TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 299

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Nose		Inflammation	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 2-1]			
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 300

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-5]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
	[Hyperplasia TGLS = 3-11]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 351

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Marked
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
		Mixed Cell Focus	Marked
[Mixed Cell Focus TGLS = 2-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-1]			
* Salivary Glands		Infiltration Cellular	Minimal
* Skin		Fibroma	
[Fibroma TGLS = 1-11]			
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 352

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Liver		Eosinophilic Focus	Marked
[Eosinophilic Focus TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 353

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 2-11]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Larynx

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
[Eosinophilic Focus TGLS = 1-5]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 356

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 681

HISTO: 90-5102-356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Mammary Gland
* Pituitary Gland
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Intestine Large, Colon
* Nose
* Salivary Glands
* Thymus

* Bone
* Intestine Small, Jejunum
* Ovary
* Skin
* Thyroid Gland

* Clitoral Gland
* Larynx
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

MISSING

* Gallbladder

* Intestine Small, Duodenum

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum
* Pancreas

* Intestine Large, Rectum

* Intestine Small, Ileum

* Islets, Pancreatic

OBSERVATIONS

* Adrenal Cortex

Capsule

Hyperplasia

Minimal

* Bone Marrow

Myeloid Cell

Lymphoma Malignant

Hyperplasia

Mild

* Brain

Mineralization

Minimal

* Heart

Cardiomyopathy

Minimal

* Kidney

Lymphoma Malignant

[Lymphoma Malignant TGLS = 8-8]

* Liver

Lymphoma Malignant

[Lymphoma Malignant TGLS = 2-5]

* Lung

Lymphoma Malignant

Lymph Node

Lumbar

Lymphoma Malignant

Renal

Lymphoma Malignant

[Lymphoma Malignant TGLS = 6-12]

[Lymphoma Malignant TGLS = 5-11]

* Lymph Node, Bronchial

Lymphoma Malignant

[Lymphoma Malignant TGLS = 7-3]

* Lymph Node, Mandibular

Lymphoma Malignant

* Lymph Node, Mediastinal

Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:25
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 356	TRT#: 8	SEX: Female	DAY ON TEST: 681
	DOSE: 750 PPM	DISP: Natural Death	HISTO: 90-5102-356

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 1-5]	Lymphoma Malignant	
* Uterus [Inflammation TGLS = 3-6]	Inflammation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 2-11,3-12,4-13]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-1]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 358

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 712

HISTO: 90-5102-358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Ulcer	Mild
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-1]			
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 612

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Clitoral Gland
* Intestine Large, Colon
* Lymph Node, Mandibular
* Nose
* Salivary Glands
* Trachea

* Blood Vessel
* Esophagus
* Islets, Pancreatic
* Lymph Node, Mediastinal
* Ovary
* Skin
* Uterus

* Bone
* Gallbladder
* Larynx
* Lymph Node, Mesenteric
* Pancreas
* Spleen

* Bone Marrow
* Heart
* Lung
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach

MISSING

* Lymph Node, Bronchial

* Pituitary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum
* Intestine Small, Jejunum

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex
* Brain
* Kidney
* Liver

Capsule

Serosa

Hemorrhage
Hyperplasia
Mineralization
Nephropathy
Hepatocellular Carcinoma
Inflammation

Mild
Minimal
Minimal
Moderate
Multiple
Mild

[Hepatocellular Carcinoma TGLS = 1-11,2-5]

* Stomach, Glandular
* Thymus
* Thyroid Gland
* Urinary Bladder

Serosa

Follicular Cel

Infiltration Cellular
Atrophy
Hyperplasia
Infiltration Cellular

Mild
Marked
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 360

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 718

HISTO: 90-5102-360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Lacrimal Gland		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 2-11]		
* Liver		Eosinophilic Focus	Mild
	[Hepatocellular Carcinoma TGLS = 1-11]	Hepatocellular Carcinoma	
* Lung	Alveolar Epith	Hyperplasia	Moderate
	[Hyperplasia TGLS = 3-11]	Squamous Cell Carcinoma	Metastatic (Lacrimal Gland)
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 361

TRT#: 8

SEX: Female

DAY ON TEST: 711

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Larynx	Glands	Degeneration	Minimal
* Liver		Inflammation	Mild
		Necrosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 362

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Ovary	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 9-5]			
[Hepatocellular Carcinoma TGLS = 4-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 8-11]			
Lymph Node	Iliac	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-13]			
[Lymphoma Malignant TGLS = 5-12]			
[Lymphoma Malignant TGLS = 6-11]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]			
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:25
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 362	TRT#: 8	SEX: Female	DAY ON TEST: 731
	DOSE: 750 PPM	DISP: Terminal Sacrifice	HISTO: 90-5102-362

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-5]			
* Stomach, Forestomach		Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 614

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 90-5102-363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-11]			
* Salivary Glands		Infiltration Cellular	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 364

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Minimal
	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 4-11]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 3-11]	
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Moderate
		[Hyperplasia TGLS = 1-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
[Hyperplasia TGLS = 2-3]			
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 366

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-11,3-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 367

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Ovary		Cyst	Mild
		Cystadenoma	
[Cyst TGLS = 3-8]			
[Cystadenoma TGLS = 2-8]			
* Pituitary Gland	Pars Intermed	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Degeneration	Marked
		Hyperplasia	Mild
[Degeneration TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 368

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Larynx		Infiltration Cellular	Minimal
* Liver		Basophilic Focus	Moderate
[Basophilic Focus TGLS = 2-11]			
* Pancreas	Duct	Cyst	Mild
		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Stomach, Forestomach	Epithelium	Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 369

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 712

HISTO: 90-5102-369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Thymus
---------------------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hemorrhage	Mild
		Hepatocellular Carcinoma	Multiple
		Mineralization	Minimal
[Hepatocellular Carcinoma TGLS = 2-5,1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 713

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 2-1]			
* Salivary Glands		Infiltration Cellular	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 7

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Gallbladder

* Heart

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Islets, Pancreatic

* Kidney

* Larynx

* Liver

* Lung

* Lymph Node, Mandibular

* Mammary Gland

* Nose

* Ovary

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Salivary Glands

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Thyroid Gland

* Trachea

* Urinary Bladder

* Uterus

MISSING

* Intestine Large, Cecum

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 373

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Lymph Node, Mediastinal
---------------	---------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-11]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 2-5]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-11]			
* Pancreas		Infiltration Cellular	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Urinary Bladder		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 374

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mediastinal	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
-------------------------	--------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Liver		Basophilic Focus	Moderate
[Basophilic Focus TGLS = 2-5]			
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:25
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Clitoral Gland	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Brain		Mineralization	Minimal
* Esophagus		Lymphoma Malignant	
* Heart	Epicardium	Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Larynx		Lymphoma Malignant	
* Liver		Eosinophilic Focus	Mild
		Lymphoma Malignant	
[Eosinophilic Focus TGLS = 3-11]			
* Lung		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Moderate
[Adenoma TGLS = 4-1]			
[Hemorrhage TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:25
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 375	TRT#: 8	SEX: Female	DAY ON TEST: 731
	DOSE: 750 PPM	DISP: Terminal Sacrifice	HISTO: 90-5102-375

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Moderate
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 376

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hemorrhage	Mild
		Hyperplasia	Marked
[Hemorrhage TGLS = 3-11]			
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 377

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Moderate
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 3-5]		
	[Hepatocellular Adenoma TGLS = 4-12,5-11]		
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Skin		Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLS = 1-11,6-12]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Marked
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 378

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Liver		Eosinophilic Focus	Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 2-8]			
* Pancreas		Infiltration Cellular	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 379

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-11]			
* Kidney		Casts Protein	Minimal
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Pancreas		Infiltration Cellular	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Necrosis	Minimal
* Salivary Glands		Infiltration Cellular	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 1-5]			
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 169

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Lung
* Parathyroid Gland
* Spleen
* Trachea

* Blood Vessel
* Clitoral Gland
* Islets, Pancreatic
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Uterus

* Bone
* Esophagus
* Kidney
* Ovary
* Salivary Glands
* Stomach, Glandular

* Bone Marrow
* Heart
* Liver
* Pancreas
* Skin
* Thyroid Gland

MISSING

* Intestine Small, Jejunum
* Lymph Node, Mediastinal

* Larynx

* Lymph Node, Bronchial

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Gallbladder
* Intestine Small, Ileum

* Intestine Large, Cecum
* Lymph Node, Mesenteric

* Intestine Large, Rectum
* Mammary Gland

* Intestine Small, Duodenum
* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex
Lymph Node
* Thymus

Capsule
Inguinal

Hyperplasia
Hyperplasia
Atrophy

Minimal
Moderate
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 381

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-11]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
		Infiltration Cellular	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-11]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-5]		
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Ovary		Cyst	Mild
	[Cyst TGLS = 2-8]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 568

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Gallbladder | * Heart | * 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 | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | | |
|--------------------------|---------------------------|--------------------------|
| * Intestine Large, Cecum | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric |
|--------------------------|---------------------------|--------------------------|

OBSERVATIONS

- | | | | |
|------------------------------|-------------|--------------|----------------------|
| * Adrenal Cortex | Capsule | Hyperplasia | Mild |
| * Bone Marrow | | Pigmentation | Hemosiderin, Minimal |
| * Clitoral Gland | | Fibrosarcoma | |
| [Fibrosarcoma TGLS = 3-11] | | | |
| * Ovary | | Cyst | Minimal |
| * Uterus | Endometrium | Hyperplasia | Mild |
| [Hyperplasia TGLS = 2-8] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 386

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Glands	Degeneration	Mild
* Pancreas		Infiltration Cellular	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 387

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-11]			
* Ovary		Mineralization	Minimal
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 388

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 90-5102-388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 5-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 6-11]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2,3-8]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tissue NOS	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-11]		
* Uterus	Endometrium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 4-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 389

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
			[Eosinophilic Focus TGLS = 2-5]
			[Hepatocellular Adenoma TGLS = 1-5]
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Marked
			[Hyperplasia TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 392

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-5,3-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-12,5-11]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Forestomach		Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Marked
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Minimal
[Hepatocellular Adenoma TGLS = 2-11]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Metaplasia	Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 2-8]			
* Pancreas		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 395

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 90-5102-395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-11,3-12]			
* Pancreas		Infiltration Cellular	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 723

DOSE: 750 PPM

DISP: Natural Death

HISTO: 90-5102-396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Nose
* Skin
* Thyroid Gland

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Islets, Pancreatic
* Lymph Node, Mediastinal
* Pancreas
* Spleen
* Trachea

* Bone
* Esophagus
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Pituitary Gland
* Stomach, Forestomach
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Small, Duodenum
* Larynx
* Mammary Gland
* Salivary Glands
* Stomach, Glandular

MISSING

* Lymph Node, Bronchial

* Ovary

* Parathyroid Gland

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex
* Heart
* Liver

Hemorrhage
Cardiomyopathy
Hepatocellular Carcinoma
Necrosis

Moderate
Mild
Mild

[Hepatocellular Carcinoma TGLS = 2-5]

* Lung [Hepatocellular Carcinoma TGLS = 1-6]

Hepatocellular Carcinoma

Metastatic (Liver)

[Hepatocellular Carcinoma TGLS = 1-6]

* Uterus Endometrium

Hyperplasia

Mild

[Hyperplasia TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 397

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 90-5102-397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Clitoral Gland		Degeneration	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Moderate
	[Hyperplasia TGLS = 6-11]		
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 3-5]		
	[Hepatocellular Adenoma TGLS = 2-11]		
	[Hepatocellular Carcinoma TGLS = 1-5]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 4-8]		
* Salivary Glands		Infiltration Cellular	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 5-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Parathyroid Gland
------------------	-------------------	---------------------

OBSERVATIONS

* Liver [Eosinophilic Focus TGLS = 3-5]		Eosinophilic Focus	Mild
* Pituitary Gland [Adenoma TGLS = 2-1]	Pars Distalis	Adenoma	
* Uterus [Hyperplasia TGLS = 1-8]	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 90-5102-399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene

CAS Number: 100-41-4

Date Report Requested: 10/20/2014

Time Report Requested: 06:52:25

First Dose M/F: NA / NA

Lab: IIT

ANIMAL ID: 400

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 666

HISTO: 90-5102-400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Islets, Pancreatic	* Larynx	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
---------------	--------------------------	-----------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Degeneration	Minimal
	Capsule	Hyperplasia	Mild
* Brain	Cerebrum	Gliosis	Minimal
	Cerebrum	Hemorrhage	Minimal
		Mineralization	Minimal
* Heart	Epicardium	Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6,7-5]		
* Lung		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-6]		
Lymph Node	Lumbar	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-11]		
	[Lymphoma Malignant TGLS = 14-12]		
	[Lymphoma Malignant TGLS = 15-13]		
* Lymph Node, Bronchial		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 17-3]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-2]		
* Lymph Node, Mediastinal		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05210-04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ethylbenzene
CAS Number: 100-41-4

Date Report Requested: 10/20/2014
Time Report Requested: 06:52:25
First Dose M/F: NA / NA
Lab: IIT

ANIMAL ID: 400	TRT#: 8	SEX: Female	DAY ON TEST: 666
	DOSE: 750 PPM	DISP: Natural Death	HISTO: 90-5102-400

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 16-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 13-7]			
* Ovary		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 18-8]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Stomach, Forestomach		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
Ureter		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8,9-11]			
* Urinary Bladder		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11,12-4]			
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 10-8]			

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE