

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

C Number: C88004B
Lock Date: 04/16/2002
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 01/19/2004

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 589

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

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

OBSERVATIONS

* Brain		Compression	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Stomach, Forestomach		Ulcer	Marked
* Testes	Germinal Epith	Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 1-3]			
* Urinary Bladder		Calculus Micro Observation Only	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Stomach;Forestomach Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 2	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 506 HISTO: 43619
---------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Brain Compression

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 3	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 43620
---------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Eye	Lens	Cataract	Moderate
[Cataract TGLS = 1-13]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex, Renal Tubule	Hyperplasia	Mild
		Nephropathy	Chronic, Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-14]			
Mesentery		Necrosis	Marked
[Necrosis TGLS = 6,7-16+17]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 4,5-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 43621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peripheral Nerve
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
-------------------------	--------------------------	---------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Larynx		Foreign Body	Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Oral Mucosa	Gingival	Hyperplasia	Squamous, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 1-14]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: Divinylbenzene

Time Report Requested: 17:20:19

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 1321-74-0

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 3-6]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
* Testes	Interstitial Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
	Interstitial Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 6	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Natural Death	DAY ON TEST: 704 HISTO: 43623
---------------------	--	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia Vacuolization Cytoplasmic	Moderate Mild
[Hyperplasia TGLS = 6-7]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-15]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-14]			
* Mammary Gland		Galactocele	Marked
[Galactocele TGLS = 3-16]			
Mesentery		Necrosis	Minimal
[Necrosis TGLS = 4-16]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 6	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Natural Death	DAY ON TEST: 704 HISTO: 43623
---------------------	--	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Foreign Body Inflammation	Moderate Suppurative, Moderate
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 11-10]			
* Skin		Cyst Epithelial Inclusion	Marked
[Cyst Epithelial Inclusion TGLS = 5-17]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-15]			
* Testes	Germinal Epith	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 43624
---------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Brain	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
---------	-------------------------	--------------------------	---------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Spleen			
Note: Lots of MCs in red pulp, not enough to dx MCL.			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 43625
---------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney	Cortex, Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Hemorrhage	Moderate
[Clear Cell Focus TGLS = 2-14]			
[Hemorrhage TGLS = 2-14]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-16]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-15]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 355
	DOSE: CONTROL	DISP: Moribund Sacrifice	HISTO: 43626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Mammary Gland	* Nose	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* 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
-------------------------	--------------------------	---------------------------

OBSERVATIONS

* Liver		Leukemia Mononuclear
* Lung		Leukemia Mononuclear
Lymph Node	Pancreatic	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-14]		
* Lymph Node, Mesenteric		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-8]		
* Pancreas		Leukemia Mononuclear
* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 2-14]		
* Thymus		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
------------------------	-------------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Mild
	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Prostate		Inflammation	Suppurative, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Mild
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 3-15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Epididymis | * Esophagus | * Eye | * Harderian Gland |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Larynx | * Lung | * Lymph Node, Mediastinal |
| Mesentery | * Nose | * Pancreas | * Parathyroid Gland |
| Peritoneum | Pleura | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

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

OBSERVATIONS

- | | | | |
|--|---------------------------|----------------------|----------|
| Blood Vessel
[Thrombosis TGLS = 1-3] | | Thrombosis | Moderate |
| * Brain | | Compression | Moderate |
| * Liver
[Leukemia Mononuclear TGLS = 4-6] | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Pituitary Gland
[Adenoma TGLS = 2-10] | Pars Distalis | Adenoma | |
| * Spleen | | Leukemia Mononuclear | |
| * Testes
[Adenoma TGLS = 3-9] | Bilateral, Interstit Cell | Adenoma | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Pancreas	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			
* Lung	Interstitialium	Fibrosis	Mild
	Alveolar Epith	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-15]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 3-6]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 589

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Nose	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-14]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,3-6]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 16 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 670
DOSE: CONTROL **DISP:** Moribund Sacrifice **HISTO:** 43633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear
* Brain		Leukemia Mononuclear
* Kidney		Leukemia Mononuclear
* Liver		Leukemia Mononuclear
* Lung		Leukemia Mononuclear
Lymph Node	Deep Cervical	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 2-15]		
* Lymph Node, Bronchial		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-3]		
* Lymph Node, Mediastinal		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4-3]		
* Lymph Node, Mesenteric		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 7-16]		
* Pancreas		Leukemia Mononuclear
* Pituitary Gland	Pars Distalis	Adenoma
		Leukemia Mononuclear
[Adenoma TGLS = 5-10]		
* Skin	Subcut Tiss	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-17]		
* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 6-14]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 670

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43633

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Interstit Cell

Adenoma

* Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 536

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mesenteric	* Nose	* Pancreas
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Osteosarcoma	Metastatic (Bone)
* Bone	Femur, Pelvis	Osteosarcoma	
[Osteosarcoma TGLS = 6-17,18]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Osteosarcoma	Metastatic (Bone)
Note: neoplasm attached to or part of liver on slide 14 has morphology consistent with osteogenic sarcoma. Also true for lung mets and adrenal lesion.			
[Osteosarcoma TGLS = 4-14]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 5-4,5]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-16]			
* Urinary Bladder		Hemorrhage	Marked
[Hemorrhage TGLS = 3-15]			

PRIMARY CAUSE OF DEATH - Bone Femur Pelvis Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 536

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43634

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Lung Osteosarcoma Bone;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 543

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Mammary Gland	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-14]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-16]			
* Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-15]			
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 18	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 543 HISTO: 43635
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Interstit Cell C Cell	Hyperplasia Hyperplasia	Moderate Minimal
-----------------	--------------------------	----------------------------	---------------------

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Mammary Gland	* Nose	* Parathyroid Gland
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

Blood Vessel	Aorta	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-14]			
* Brain		Compression	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
		Necrosis	Marked
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Fibrous Histiocytoma	Metastatic (Skin)
		Hemorrhage	Mild
	Mediastinum	Leukemia Mononuclear	
		Leukemia Mononuclear	
[Fibrous Histiocytoma TGLS = 16-4+5]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43636

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Leukemia Mononuclear TGLS = 15-15]		Leukemia Mononuclear	
Mesentery [Necrosis TGLS = 12-16]		Necrosis	Moderate
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland [Adenoma TGLS = 6-10]	Pars Distalis	Adenoma	
* Skin [Fibrous Histiocytoma TGLS = 1,13,14-15+17+18]	Subcut Tiss	Fibrous Histiocytoma	Multiple
* Spleen [Leukemia Mononuclear TGLS = 8-6]		Leukemia Mononuclear	
* Testes [Adenoma TGLS = 11-9] [Atrophy TGLS = 10-9]	Interstit Cell Germinal Epith	Adenoma Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Skin Subcut Tiss Fibrous Histiocytoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-7]			
* Liver		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-15]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3-9]			
[Atrophy TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney	Pelvis, Transit Epithe Pelvis, Transit Epithe	Carcinoma Hyperplasia Liposarcoma Nephropathy	Marked Chronic, Mild
Note: Two malignant tumors in left kidney; trans cell ca and liposarcoma. [Carcinoma TGLS = 5,6-14+15+16] [Liposarcoma TGLS = 5,6-14+15+16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
* Pituitary Gland		Cyst	Mild
[Cyst TGLS = 2-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,4-9]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric [Sarcoma TGLS = 1-14]		Sarcoma	
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Suppurative, Minimal
* Spleen	Lymphocyte	Hyperplasia	Diffuse, Mild
Note: Diffuse white pulp.			
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 623

DOSE: CONTROL

DISP: Natural Death

HISTO: 43640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
Pleura	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Moderate
* Eye	Lens	Cataract	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Prostate		Inflammation	Suppurative, Minimal
* Skin	Subcut Tiss	Fibroma	
		Squamous Cell Papilloma	
[Fibroma TGLS = 2-14+15]			
[Squamous Cell Papilloma TGLS = 1-16]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
* Mammary Gland		Galactoceles	Moderate
[Galactoceles TGLS = 1-15]			
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-9]			
* Skin		Hyperkeratosis	Marked
[Hyperkeratosis TGLS = 1-14]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone	Cartilage, Femur	Hyperplasia	Minimal
Note: Cartilaginous exostosis on femur			
* Kidney		Nephropathy	Chronic, Moderate
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-15]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Preputial Gland		Cyst	Moderate
* Prostate		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 5-14]			
* Seminal Vesicle		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 4-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 27

TRT#: 1
DOSE: CONTROL

SEX: Male
DISP: Natural Death

DAY ON TEST: 675
HISTO: 43644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 7-6]			
* Lung	Mediastinum	Abscess	Moderate
Mesentery		Leiomyosarcoma	Metastatic (Stomach, Glandular)
[Leiomyosarcoma TGLS = 5,8-3+7+8]			
* Pancreas		Leiomyosarcoma	Metastatic (Stomach, Glandular)
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
Pleura		Leiomyosarcoma	Metastatic (Stomach, Glandular)
Note: In Medistinum, adjacent to Esophagus, including area of suppuration.			
* Skin		Cyst Epithelial Inclusion	Marked
[Cyst Epithelial Inclusion TGLS = 1-15]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Stomach, Glandular		Leiomyosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 675

DOSE: CONTROL

DISP: Natural Death

HISTO: 43644

ORGAN AND ACCOUNTABLE SITE STATUS

[Leiomyosarcoma TGLS = 9-14+16+17+18]

* Testes

Mesothelioma Malignant

[Mesothelioma Malignant TGLS = 4-9]

PRIMARY CAUSE OF DEATH

- Stomach, Glandular Leiomyosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 725

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Marked
* Heart	Atrium	Thrombosis	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney	Cortex	Infarct	Marked
[Infarct TGLS = 7-7]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung	Alveolar Epith	Hyperplasia Leukemia Mononuclear Necrosis	Mild Mild
[Leukemia Mononuclear TGLS = 3-4+5]			
* Lymph Node, Mesenteric		Angiectasis	Marked
[Angiectasis TGLS = 9-16]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin		Hyperkeratosis	Moderate
[Hyperkeratosis TGLS = 1-18]			
* Spleen		Leukemia Mononuclear Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 28	TRT#: 1	SEX: Male	DAY ON TEST: 725
	DOSE: CONTROL	DISP: Moribund Sacrifice	HISTO: 43645

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-14]			
[Necrosis TGLS = 6-15]			
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 10-17]			
* Testes	Germinal Epith	Atrophy	Marked
[Atrophy TGLS = 8-9]			

PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Spleen	Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-7]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Skin			
Note: TGL 1 and 2 are mammary gland tissue, NCL.			
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-14]			
[Leukemia Mononuclear TGLS = 6-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 8-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43646

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Chronic, Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-10]			
* Skin		Cyst Epithelial Inclusion	Marked
[Cyst Epithelial Inclusion TGLS = 3,4-14+15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-9]			
* Urinary Bladder		Calculus Micro Observation Only	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 638

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* 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, Mandibular	* Mammary Gland	* Thymus
-------------------------	--------------------------	-----------------	----------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Marked
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Angiectasis	Marked
[Angiectasis TGLS = 2-14]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 682

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	Mesentery	* Nose	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Brain		Compression	Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-7]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-14]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		Necrosis	Marked
[Fibrosis TGLS = 3-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 682
	DOSE: CONTROL	DISP: Moribund Sacrifice	HISTO: 43651

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-14]			
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 7,9-15]			
* Testes	Germinal Epith	Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Stomach, Forestomach Ulcer		
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 612

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Hemorrhage	Marked
		Leukemia Mononuclear	
		Thrombosis	Marked
[Hemorrhage TGLS = 1-4+5]			
[Thrombosis TGLS = 1-4+5]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-15]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas	Acinus	Atrophy	Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH - Lung Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 612

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43652

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	Lymph Node
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Marked
* Kidney		Nephropathy	Chronic, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Islets, Pancreatic [Carcinoma TGLS = 4-6]		Carcinoma	
* Kidney		Nephropathy	Chronic, Minimal
* Nose		Foreign Body	Minimal
	Goblet Cell	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Mild
* Skin [Fibroma TGLS = 1-14]	Subcut Tiss	Fibroma	
* Testes [Adenoma TGLS = 3-9] [Atrophy TGLS = 2-9]	Interstit Cell Germinal Epith	Adenoma Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- | | | | |
|-------------------------------------|----------------|----------------------|------------------|
| * Kidney | | Nephropathy | Chronic, Minimal |
| * Liver | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 1-6] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Interstit Cell | Hyperplasia | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 666

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Medulla	Pheochromocytoma Benign	
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Leukemia Mononuclear	
* Liver	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]		
* Lung	Leukemia Mononuclear	
* Lymph Node, Bronchial	Leukemia Mononuclear	
* Pituitary Gland	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-10]		
* Spleen	Leukemia Mononuclear	
	Necrosis	Marked
[Leukemia Mononuclear TGLS = 3-14]		
[Necrosis TGLS = 4-14]		
* Stomach, Glandular	Ulcer	Marked
[Ulcer TGLS = 5-15]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Stomach;Glandular Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-15]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			
* Trachea	Glands	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 561

DOSE: CONTROL

DISP: Natural Death

HISTO: 43658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Pancreas	Peritoneum
* Pituitary Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	

OBSERVATIONS

* Heart	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 3-14]			
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-14]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Liver	* Lung	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	Peritoneum	Pleura
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Preputial Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1,2-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Intestine Small, Jejunum		Histiocytic Sarcoma	Metastatic (Mesentery)
[Histiocytic Sarcoma TGLS = 7,8-8+14]			
* Kidney		Histiocytic Sarcoma	Metastatic (Mesentery)
		Nephropathy	Chronic, Mild
[Histiocytic Sarcoma TGLS = 4-7]			
* Lung	Alveolus	Histiocytic Sarcoma	Metastatic (Mesentery)
		Infiltration Cellular	Histiocyte, Focal, Minimal
		Inflammation	Suppurative, Minimal
Note: Associated with neoplastic and suppurative infiltrates.			
Mesentery		Histiocytic Sarcoma	
Note: Primary site of mesentery for histiocytic sarcoma is somewhat arbitrary, as its not possible to determine for sure.			
[Histiocytic Sarcoma TGLS = 5-15]			
* Pancreas		Histiocytic Sarcoma	Metastatic (Mesentery)
[Histiocytic Sarcoma TGLS = 6-6]			
Peritoneum		Histiocytic Sarcoma	Metastatic (Mesentery)
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
Pleura		Histiocytic Sarcoma	Metastatic (Mesentery)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 43	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 43660
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Histiocytic Sarcoma	Metastatic (Mesentery)
* Seminal Vesicle		Histiocytic Sarcoma	Metastatic (Mesentery)
* Spleen		Histiocytic Sarcoma	Metastatic (Mesentery)
[Histiocytic Sarcoma TGLS = 9-6]			
* Stomach, Forestomach		Histiocytic Sarcoma	Metastatic (Mesentery)
		Hyperplasia	Squamous, Mild
		Ulcer	Minimal
[Histiocytic Sarcoma TGLS = 10-16]			
[Hyperplasia TGLS = 10-16]			
[Ulcer TGLS = 10-16]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 1-3]			

PRIMARY CAUSE OF DEATH -

Animal Note: diff dx on tumor in lungs and abdom cavity would include mets from C Cell carcin oma. Spleen, liver do not suggest MCL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 612

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Mammary Gland	* Nose
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6-7]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-9]			
* Urinary Bladder		Calculus Micro Observation Only	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 612

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43661

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Brain Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	Zymbal's Gland		

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Nose	Glands	Dilatation	Minimal
		Foreign Body	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Skin		Cyst Epithelial Inclusion	Marked
[Cyst Epithelial Inclusion TGLS = 1-15]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 3-9]			
* Urinary Bladder		Calculus Micro Observation Only	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 9-14]			
* Heart		Mesothelioma Malignant	Metastatic (Peritoneum)
[Mesothelioma Malignant TGLS = 4-6]			
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Marked
	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
		Mesothelioma Malignant	Metastatic (Peritoneum)
[Hyperplasia TGLS = 12-4]			
[Mesothelioma Malignant TGLS = 12-4]			
Lymph Node	Deep Cervical	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-16]			
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 6-18]			
[Fibroadenoma TGLS = 11-19]			
Mesentery		Mesothelioma Malignant	
* Nose		Foreign Body	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 43663

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 8,9,10-14+15+17]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-10]			
Pleura		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 13-17]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 7-14]			
[Mesothelioma Malignant TGLS = 8-15]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 1-14]			
* Lung	Alveolus	Infiltration Cellular Inflammation	Histiocyte, Focal, Minimal Chronic, Focal, Minimal
* Nose	Glands	Dilatation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-9+14]			
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Urinary Bladder		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular Inflammation	Histiocyte, Focal, Minimal Chronic, Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Lipoma	
Note: tgl 1 interpreted as large lipoma with fibrosis and minimal inflammation probly sequelae to trauma to large mass. [Lipoma TGLS = 1-14+15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Mammary Gland		Galactoceles	Marked
[Galactoceles TGLS = 1-14]			
* Nose	Glands	Dilatation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43666

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 701

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Germinal Epith	Atrophy	Marked
[Atrophy TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 201

TRT#: 3

DOSE: 100 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-15]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Cyst	Mild
[Cyst TGLS = 1-15]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
		Dilatation	Minimal
		Foreign Body	Moderate
	Goblet Cell	Hyperplasia	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Fibroma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 201	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 100 PPM	DISP: Terminal Sacrifice	HISTO: 43918

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 2-16+17+18+19+20]	
* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4-14]	
* Testes	Bilateral, Interstit Cell
[Adenoma TGLS = 3-9]	Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 202

TRT#: 3

SEX: Male

DAY ON TEST: 582

DOSE: 100 PPM

DISP: Natural Death

HISTO: 43919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Thymus
* Thyroid Gland	* Trachea		

MISSING

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

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
* Stomach, Forestomach	* Stomach, Glandular		

OBSERVATIONS

* Brain		Oligodendroglioma Malignant	
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-9]			
* Urinary Bladder		Hemorrhage	Marked
[Hemorrhage TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

- Brain Oligodendroglioma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Urinary Bladder Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 203

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Larynx		Foreign Body	Marked
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi Glands	Degeneration	Minimal
	Nasolacrim Dct	Dilatation	Minimal
* Pancreas	Acinus	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Atrophy	Minimal
* Skin		Hyperplasia	Mild
[Hyperkeratosis TGLS = 1-14]		Hyperkeratosis	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 204

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular Necrosis	Minimal Histiocyte, Focal, Mild Moderate
Mesentery [Necrosis TGLS = 1-14]			
* Nose	Olfactory Epi Glands Olfactory Epi	Degeneration Dilatation Hyperplasia	Minimal Mild Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland [Adenoma TGLS = 2-10]	Pars Distalis	Adenoma	
* Testes [Adenoma TGLS = 3-9]	Interstit Cell Germinal Epith	Adenoma Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 205

TRT#: 3

DOSE: 100 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 569

HISTO: 43922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney	Cortex	Infarct	Mild
		Nephropathy	Chronic, Minimal
[Infarct TGLS = 6-16]			
* Liver		Leukemia Mononuclear	
		Necrosis	Mild
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-18]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Accessory Spleen	
		Leukemia Mononuclear	
		Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 205	TRT#: 3	SEX: Male	DAY ON TEST: 569
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 43922

ORGAN AND ACCOUNTABLE SITE STATUS

[Accessory Spleen TGLS = 3-15]			
[Leukemia Mononuclear TGLS = 4-14]			
* Stomach, Forestomach		Inflammation	Suppurative, Minimal
[Inflammation TGLS = 8-17]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 7-16]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: Divinylbenzene

Time Report Requested: 17:20:19

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 1321-74-0

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

ANIMAL ID: 206

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Eye	Retina	Atrophy	Marked
Note: lens missing from eye with retinal atrophy			
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
* Larynx		Inflammation	Suppurative, Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Goblet Cell	Hyperplasia	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

[Adenoma TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 207

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular Leukemia Mononuclear	Moderate Histiocyte, Focal, Moderate
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Olfactory Epi Olfactory Epi Pars Distalis	Degeneration Hyperplasia Adenoma	Minimal Basal Cell, Minimal
* Pituitary Gland			
[Adenoma TGLS = 7-10]			
* Spleen		Fibrosis Leukemia Mononuclear	Moderate
[Fibrosis TGLS = 5-15]			
[Leukemia Mononuclear TGLS = 4-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 207

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43924

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-9]

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 208

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 3-14]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 209

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Focal, Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Inflammation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-10]		
* Skin		Cyst Epithelial Inclusion	Marked
	[Cyst Epithelial Inclusion TGLS = 2-14]		
* Testes	Germinal Epith	Atrophy	Mild
	Interstit Cell	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 209

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43926

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 210

TRT#: 3

DOSE: 100 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 605

HISTO: 43927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Adrenal Cortex		Osteosarcoma	Metastatic (Bone)
* Bone	Femur	Osteosarcoma	
[Osteosarcoma TGLS = 7-14+16]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 1-4+5]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
Note: tgl 5 is pancreatic, not renal LN at micro exam.			
[Leukemia Mononuclear TGLS = 5-17]			
* Nose	Olfactory Epi Glands	Degeneration	Minimal
		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-15]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 210	TRT#: 3	SEX: Male	DAY ON TEST: 605
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 43927

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-15]

* Testes	Germinal Epith Interstit Cell	Atrophy Hyperplasia	Moderate Moderate
----------	----------------------------------	------------------------	----------------------

PRIMARY CAUSE OF DEATH	- Bone Femur Osteosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 211

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 7-17]			
* Liver		Hepatodiaphragmatic Nodule	Marked
		Leukemia Mononuclear	
		Osteosarcoma	Metastatic (Uncertain Primary Site)
[Hepatodiaphragmatic Nodule TGLS = 4-6]			
[Osteosarcoma TGLS = 5-16]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
		Osteosarcoma	Metastatic (Uncertain Primary Site)
[Osteosarcoma TGLS = 2-14]			
* Nose	Olfactory Epi	Degeneration	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,8-9+18]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 211

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43928

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 212

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-9]		
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 213

TRT#: 3

DOSE: 100 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Peripheral Nerve
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone	Femur	Fracture	Marked
[Fracture TGLS = 2-15]			
* Kidney		Nephropathy	Chronic, Mild
* Nose	Turbinate	Cyst	Mild
	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate

Note: 5 step sections: compressing adenoma on one side.

[Adenoma TGLS = 1-10]

[Hyperplasia TGLS = 1-10]

* Testes	Bilateral, Interstit Cell	Adenoma
----------	---------------------------	---------

[Adenoma TGLS = 3-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 213

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43930

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 214

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
[Cardiomyopathy TGLS = 6-14]			
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 5-15]			
* Nose	Olfactory Epi Glands	Degeneration	Minimal
		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Testes	Bilateral, Interstit Cell Germinal Epith	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 4-9]			
[Atrophy TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 215

TRT#: 3

DOSE: 100 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 682

HISTO: 43932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mesenteric	* Mammary Gland	Peritoneum
Pleura	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 3-14]			
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 7-15]		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 215	TRT#: 3	SEX: Male	DAY ON TEST: 682
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 43932

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-9]			
Tongue	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-14]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 216

TRT#: 3

DOSE: 100 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 708

HISTO: 43933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Adrenal Medulla		Hyperplasia	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hematocyst	Marked
[Hematocyst TGLS = 2-10]			
* Spleen		Hemorrhage	Marked
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 216	TRT#: 3	SEX: Male	DAY ON TEST: 708
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 43933

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 5,6-14]			
[Leukemia Mononuclear TGLS = 4-14]			
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 10-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-9]			

PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Spleen	Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 217

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Larynx | * Liver | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Parathyroid Gland | Peritoneum |
| Pleura | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

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

OBSERVATIONS

- | | | | |
|---|---------------------------|--------------|----------------------|
| * Intestine Large, Rectum
[Adenoma TGLS = 3-8] | | Adenoma | |
| * Kidney | | Nephropathy | Chronic, Mild |
| * Nose | Olfactory Epi | Degeneration | Mild |
| | Olfactory Epi | Hyperplasia | Basal Cell, Minimal |
| | | Inflammation | Suppurative, Minimal |
| * Pancreas | Acinus | Atrophy | Mild |
| * Pituitary Gland
[Adenoma TGLS = 1-10] | Pars Distalis | Adenoma | |
| * Testes
[Adenoma TGLS = 2-9] | Bilateral, Interstit Cell | Adenoma | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 218

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

[Adenoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 219

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Nose	Olfactory Epi	Degeneration	Minimal
* Pancreas	Duct	Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	

[Adenoma TGLS = 1-9]

[Mesothelioma Malignant TGLS = 2-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 220

TRT#: 3

DOSE: 100 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 654

HISTO: 43937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Brain		Hemorrhage	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	Mild
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
* Pancreas	Acinus	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Atrophy	Marked
		Adenoma	
		Cyst	Marked
[Adenoma TGLS = 1-10]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 2-14]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Brain Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 221

TRT#: 3

DOSE: 100 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 728

HISTO: 43938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	* Pituitary Gland	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart	Atrium	Thrombosis	Marked
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-6]		
* Lung	Alveolar Epith	Hemorrhage	Mild
		Hyperplasia	Mild
		Inflammation	Chronic, Focal, Mild
	[Hemorrhage TGLS = 2-14]		
	[Hyperplasia TGLS = 7-5]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-6]		
* Stomach, Glandular		Ulcer	Marked
	[Ulcer TGLS = 6-15]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 221	TRT#: 3	SEX: Male	DAY ON TEST: 728
	DOSE: 100 PPM	DISP: Natural Death	HISTO: 43938

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 5-9]	Bilateral, Interstit Cell	Adenoma
------------------------------------	---------------------------	---------

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Stomach;Glandular Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 222

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Lung	Alveolar Epith	Hypertrophy	Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-14]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 223

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	Mild
		Inflammation	Granulomatous, Moderate
		Leukemia Mononuclear	
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Fibrosis	Moderate
		Hemorrhage	Marked
		Hyperplasia	Lymphoid, Focal, Moderate

[Fibrosis TGLS = 2-14]

[Hemorrhage TGLS = 2-14]

* Testes	Bilateral, Interstit Cell	Adenoma
----------	---------------------------	---------

[Adenoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 224

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Eye [Cataract TGLS = 1-13]	Lens	Cataract	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Liver [Clear Cell Focus TGLS = 4-15]		Clear Cell Focus	Moderate
* Lung Mesentery [Necrosis TGLS = 3-16]	Interstitium	Fibrosis Necrosis	Minimal Moderate
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
* Pancreas	Acinus Duct	Atrophy Cyst	Mild Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Testes [Adenoma TGLS = 2-9]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 225

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney	Medulla	Infiltration Cellular Nephropathy	Lipocyte, Moderate Chronic, Minimal
[Infiltration Cellular TGLS = 2-7]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 226

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Brain		Compression	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-7]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
* Mammary Gland		Adenoma	Multiple
[Adenoma TGLS = 3,4-14+16]			
* Nose	Olfactory Epi	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-15]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 5-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 226

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43943

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 6-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 227

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mesenteric	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Mammary Gland		Galactocele	Minimal
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
		Hyperplasia	Basal Cell, Minimal
* Pancreas	Acinus	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Atrophy	Minimal
		Adenoma	
	[Adenoma TGLS = 1-10]		
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
	[Adenoma TGLS = 3-9]		
	[Atrophy TGLS = 2-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 228

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-7]			
* Brain		Compression	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-14+15]			
* Testes	Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 229

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Kidney	Pelvis, Transit Epithe	Carcinoma	
		Cyst	Marked
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 4-15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi	Degeneration	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 230

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Intestine Large, Cecum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 5-17]			
* Liver	Serosa	Fibrosis	Marked
Note: plant foreign body in liver			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-16]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Minimal Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-14+15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 230

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43947

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 231

TRT#: 3

SEX: Male

DAY ON TEST: 717

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Brain		Compression	Moderate
* Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Moderate
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-14]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Preputial Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 2-9]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 3-9]			
* Urinary Bladder		Calculus Micro Observation Only	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 231

TRT#: 3

SEX: Male

DAY ON TEST: 717

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43948

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 232

TRT#: 3

DOSE: 100 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 704

HISTO: 43949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus	
-------------------------	--------------------------	----------	--

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney	Medulla	Infarct	Marked
		Leukemia Mononuclear	
		[Infarct TGLS = 5-7]	
* Liver		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-6]	
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi Glands	Degeneration	Mild
		Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
		[Hyperplasia TGLS = 6-10]	
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		[Fibrosis TGLS = 4-14]	
		[Leukemia Mononuclear TGLS = 3-14]	
* Stomach, Glandular		Erosion	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 232

TRT#: 3
DOSE: 100 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 704
HISTO: 43949

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-9]

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 233

TRT#: 3

SEX: Male

DAY ON TEST: 710

DOSE: 100 PPM

DISP: Natural Death

HISTO: 43950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Necrosis	Moderate
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Fibrous Histiocytoma	Metastatic (Skin)
* Intestine Small, Ileum		Dilatation	Marked
Note: with Necrosis			
[Dilatation TGLS = 5-15]			
* Intestine Small, Jejunum		Necrosis	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Fibrous Histiocytoma	Metastatic (Skin)
[Fibrous Histiocytoma TGLS = 4-6+14]			
* Lung		Fibrous Histiocytoma	Metastatic (Skin)
* Nose	Olfactory Epi Glands	Degeneration	Minimal
		Dilatation	Minimal
* Pancreas		Fibrous Histiocytoma	Metastatic (Skin)
Skeletal Muscle		Fibrous Histiocytoma	Metastatic (Skin)
[Fibrous Histiocytoma TGLS = 3-14]			
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 3-16]			
* Spleen		Fibrous Histiocytoma	Metastatic (Skin)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 233	TRT#: 3	SEX: Male	DAY ON TEST: 710
	DOSE: 100 PPM	DISP: Natural Death	HISTO: 43950

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular [Ulcer TGLS = 6-10]		Ulcer	Marked
* Testes [Adenoma TGLS = 2-9]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrous Histiocytoma
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Glandular Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 234

TRT#: 3

SEX: Male

DAY ON TEST: 393

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-15]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-14]			
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 235

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
Skeletal Muscle		Osteosarcoma	
[Osteosarcoma TGLS = 4-16]			
* Spleen		Accessory Spleen	
[Accessory Spleen TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 236

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mesenteric	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 5-14]			
* Nose	Olfactory Epi	Degeneration	Mild
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 4-6]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 2-9]			
[Atrophy TGLS = 3-9]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 237

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Liver	* Lung
Lymph Node	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	
----------------------	--------------------------	---------------------------	--

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-15]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Accessory Spleen	
[Accessory Spleen TGLS = 3-6]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 2-9]			
[Hyperplasia TGLS = 2-9]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 238

TRT#: 3

DOSE: 100 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 43955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peripheral Nerve
Peritoneum	Pleura	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 5-6]			
Mesentery		Necrosis	Mild
[Necrosis TGLS = 3-15]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
	Pars Intermed	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland		Adenoma	
[Adenoma TGLS = 2-10]			
* Prostate		Inflammation	Suppurative, Mild
* Skin	Subcut Tiss	Lipoma	
[Lipoma TGLS = 1-14]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 4-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 238

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43955

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 239

TRT#: 3

SEX: Male

DAY ON TEST: 659

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	Skeletal Muscle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 2-6]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 7-16]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Seminal Vesicle		Hyperplasia	Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 5,6-15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,4-9]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 240

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
-------------------------	---------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Goblet Cell	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLS = 3-14]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
	[Adenoma TGLS = 1-9]		
	[Atrophy TGLS = 2-9]		
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 241

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mediastinal
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 2-14]			
* Lymph Node, Mesenteric		Ectasia	Marked
[Ectasia TGLS = 3-15]			
* Nose	Olfactory Epi	Degeneration	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 242

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney	Cortex, Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
* Pancreas	Acinus	Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 243

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Larynx | * Liver |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas |
| * Parathyroid Gland | Peritoneum | * Pituitary Gland | Pleura |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- | | | | |
|---|---------------------------|-----------------------|----------------------------|
| * Kidney | | Nephropathy | Chronic, Minimal |
| * Lung | Alveolus | Infiltration Cellular | Histiocyte, Focal, Minimal |
| Note: Enlarged Macrophages. | | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| * Preputial Gland | | Hyperplasia | Marked |
| [Hyperplasia TGLS = 1-15] | | | |
| * Stomach, Forestomach | | Diverticulum | Moderate |
| [Diverticulum TGLS = 5-16] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [Adenoma TGLS = 4-17] | | | |
| [Mesothelioma Malignant TGLS = 2,3-14+17] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 244

TRT#: 3

SEX: Male

DAY ON TEST: 106

DOSE: 100 PPM

DISP: Natural Death

HISTO: 43961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* Pituitary Gland	Pleura	* Prostate
* Skin	* Testes	* Thymus	* Thyroid Gland

MISSING

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

AUTO PRECLUDES DIAG.

* Eye	* 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, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart [Infiltration Cellular TGLS = 1-14]	Epicardium, Pericardium	Infiltration Cellular	Histiocyte, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Moderate
* Preputial Gland		Cyst	Marked

PRIMARY CAUSE OF DEATH

- Heart Epicardium Pericardium Infiltration Cellular

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 245

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Brain			
Note: 5 step sections, NSL.			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Inflammation	Suppurative, Mild
		Metaplasia	Minimal
Note: all nasal lesions in dorsal medial meatus of xs3			
* Preputial Gland		Hyperplasia	Marked
		[Hyperplasia TGLS = 1-14]	
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 245

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43962

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-9]

[Atrophy TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 246

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
	Olfactory Epi	Hyperplasia Inflammation	Basal Cell, Minimal Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-14+15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 247

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Larynx		Foreign Body	Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
* Pituitary Gland	Olfactory Epi Pars Distalis	Hyperplasia Adenoma	Basal Cell, Minimal
[Adenoma TGLS = 1-10]			
* Testes	Interstit Cell Germinal Epith	Adenoma Atrophy	Moderate
[Adenoma TGLS = 2-9]			
* Urinary Bladder		Calculus Micro Observation Only	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 248

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney	Cortex, Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Chronic, Mild
* Mammary Gland		Galactocele	Mild
	[Galactocele TGLS = 1-14]		
* Nose	Olfactory Epi Glands	Degeneration	Minimal
	Olfactory Epi Pars Distalis	Dilatation	Minimal
* Pituitary Gland		Hyperplasia	Basal Cell, Minimal
	[Adenoma TGLS = 2-10]	Adenoma	
* Preputial Gland		Hyperplasia	Moderate
* Testes	Germinal Epith Interstit Cell	Atrophy	Moderate
		Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 249

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-15]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4+5]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Nose		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,6-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 250

TRT#: 3

SEX: Male

DAY ON TEST: 654

DOSE: 100 PPM

DISP: Natural Death

HISTO: 43967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Compression	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 401

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Larynx | * Lung | * Lymph Node, Mesenteric |
| * Parathyroid Gland | Peritoneum | Pleura | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

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

OBSERVATIONS

- | | | | |
|--|---------------------------|----------------------|----------------------|
| * Intestine Large, Rectum
[Polyp Adenomatous TGLS = 3-15] | | Polyp Adenomatous | |
| * Kidney | | Nephropathy | Chronic, Minimal |
| * Liver
[Leukemia Mononuclear TGLS = 2-6] | | Leukemia Mononuclear | |
| * Lymph Node, Mediastinal | | Leukemia Mononuclear | |
| * Nose | Olfactory Epi
Glands | Degeneration | Mild |
| | Olfactory Epi | Dilatation | Minimal |
| | | Hyperplasia | Basal Cell, Mild |
| | | Inflammation | Suppurative, Minimal |
| * Pancreas | Acinus | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| * Spleen
[Leukemia Mononuclear TGLS = 1-14] | | Leukemia Mononuclear | |
| * Testes
[Adenoma TGLS = 4-9] | Bilateral, Interstit Cell | Adenoma | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 402

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Bronchial
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign Leukemia Mononuclear	Moderate
* Liver			
[Leukemia Mononuclear TGLS = 8-6]			
* Lung	Interstitialium	Fibrosis Hemorrhage Hyperplasia Infiltration Cellular Leukemia Mononuclear	Minimal Mild Mild Histiocyte, Focal, Mild
[Fibrosis TGLS = 13,14-14+15]			
[Hemorrhage TGLS = 3-4+5]			
[Infiltration Cellular TGLS = 13,14-14+15]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-8]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-15]			
* Nose	Olfactory Epi	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 402	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 43819
-----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Hyperplasia TGLS = 9-10]	Glands Olfactory Epi Pars Distalis	Dilatation Hyperplasia Hyperplasia	Minimal Basal Cell, Mild Moderate
* Skin [Cyst Epithelial Inclusion TGLS = 11-19] [Fibroma TGLS = 10-18]	Subcut Tiss	Cyst Epithelial Inclusion Fibroma	Marked
* Spleen [Fibrosis TGLS = 6,15,16-14+16+17] [Leukemia Mononuclear TGLS = 5-14+16+17]		Fibrosis Leukemia Mononuclear	Marked
* Testes [Adenoma TGLS = 7-9]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Calculus Micro Observation Only	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 403

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Lymph Node, Mesenteric [Infiltration Cellular TGLS = 2-14]		Infiltration Cellular	Histiocyte, Marked
* Nose	Olfactory Epi Glands Olfactory Epi	Degeneration Dilatation Hyperplasia	Minimal Minimal Basal Cell, Mild
Note: olfactory degeneration is barely perceptible in xs2, more clear in xs3.			
* Pituitary Gland [Adenoma TGLS = 1-10]	Pars Distalis	Adenoma	
* Testes [Adenoma TGLS = 3-9]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 404

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-7]			
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
* Nose	Olfactory Epi Glands Goblet Cell Olfactory Epi	Degeneration Dilatation Hyperplasia Hyperplasia	Mild Minimal Minimal Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 405

TRT#: 5

SEX: Male

DAY ON TEST: 661

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-7]			
* Liver		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 4-6]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-15]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
		Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Skin		Ulcer	Marked
[Ulcer TGLS = 7-15]			
* Stomach, Glandular		Ulcer	Moderate
[Ulcer TGLS = 6-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 405	TRT#: 5	SEX: Male	DAY ON TEST: 661
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 43822

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 2-9]	Bilateral, Interstit Cell	Adenoma
------------------------------------	---------------------------	---------

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Glandular Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 406

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Brain		Astrocytoma Malignant	
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-10]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-9]		
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 407

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 687

HISTO: 43824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* Heart	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Moderate
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Prostate		Inflammation	Suppurative, Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 408

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Mammary Gland	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-14]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Germinal Epith	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 409

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 568

HISTO: 43826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* Islets, Pancreatic	* Kidney	* Larynx
* Mammary Gland	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

OBSERVATIONS

* Heart	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 7-6]			
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 2-14]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6+14]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-14]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-16]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Hemorrhage	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 409	TRT#: 5	SEX: Male	DAY ON TEST: 568
	DOSE: 200 PPM	DISP: Natural Death	HISTO: 43826

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 5-15]		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4-15]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 6-9]		

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Spleen Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 410

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mesenteric
Penis	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Chronic, Mild
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
[Hemorrhage TGLS = 3-14]			
* Mammary Gland		Galactoceles	Marked
[Galactoceles TGLS = 1-15]			
Mesentery		Necrosis	Mild
[Necrosis TGLS = 4-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Goblet Cell	Hyperplasia	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 410	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 43827
-----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Germinal Epith Interstit Cell	Atrophy Hyperplasia	Marked Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 411

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
* Mammary Gland		Galactoceles	Marked
[Galactoceles TGLS = 1-14]			
Mesentery		Necrosis	Mild
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
		Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 412

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Larynx		Foreign Body	Marked
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
	Olfactory Epi Nasopharyn Dct Acinus	Hyperplasia Inflammation Atrophy Cyst	Basal Cell, Minimal Suppurative, Mild Moderate Marked
* Pancreas			
* Pituitary Gland			
[Cyst TGLS = 1-10]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 413

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Natural Death

HISTO: 43830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Brain		Astrocytoma Malignant	
* Kidney		Nephropathy	Chronic, Mild
* Larynx		Inflammation	Suppurative, Marked
	Epiglottis	Metaplasia	Squamous, Moderate
* Liver		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-15]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 6-15]			
* Nose	Olfactory Epi Glands	Degeneration	Moderate
	Goblet Cell	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Moderate
		Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-10]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 3-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 413

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 731
HISTO: 43830

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 5-14]		Leukemia Mononuclear
* Testes [Adenoma TGLS = 2-9]	Bilateral, Interstit Cell	Adenoma

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 414

TRT#: 5

SEX: Male

DAY ON TEST: 653

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Nose	Olfactory Epi Glands Olfactory Epi	Degeneration Dilatation Hyperplasia Inflammation	Mild Minimal Basal Cell, Mild Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Skin		Inflammation	Acute, Marked
[Inflammation TGLS = 2,3-14+15]			
* Testes	Germinal Epith	Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Skin Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 415

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
	Goblet Cell	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-15]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-9+14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 416

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
Peritoneum	* Pituitary Gland	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Eye [Cataract TGLS = 1-13]	Lens	Cataract	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
	Goblet Cell	Foreign Body Hyperplasia	Minimal Mild
* Pancreas Note: This is the first animal with this dx; recheck high dose males and controls.	Duct	Inflammation Cyst	Suppurative, Mild Moderate
* Testes [Adenoma TGLS = 2-9]	Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 417

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Larynx		Foreign Body	Marked
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
[Hemorrhage TGLS = 1,6-15+16]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-16]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 5-15]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 3-17]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 417

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43834

ORGAN AND ACCOUNTABLE SITE STATUS

Zymbal's Gland

Carcinoma

[Carcinoma TGLS = 2-14+18]

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 418

TRT#: 5

SEX: Male

DAY ON TEST: 617

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Nose	Olfactory Epi Glands	Degeneration	Minimal
	Olfactory Epi	Dilatation	Mild
* Pancreas	Acinus	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Atrophy	Minimal
		Adenoma	
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 419

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Moderate
* Kidney		Nephropathy	Chronic, Moderate
* Lung	Alveolus	Infiltration Cellular Squamous Cell Carcinoma	Histiocyte, Focal, Minimal
	[Squamous Cell Carcinoma TGLS = 4-14]		
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
* Pituitary Gland	Olfactory Epi Pars Distalis	Hyperplasia Adenoma	Basal Cell, Minimal
	[Adenoma TGLS = 1-10]		
* Testes	Interstit Cell Germinal Epith	Adenoma Atrophy	Marked
	[Adenoma TGLS = 3-9] [Atrophy TGLS = 2-9]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 419

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43836

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 420

TRT#: 5

SEX: Male

DAY ON TEST: 114

DOSE: 200 PPM

DISP: Natural Death

HISTO: 43837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Heart	Pericardium	Inflammation	Moderate
	Pericardium	Pigmentation	Marked
	[Inflammation TGLS = 2-15]		
* Lung	Alveolus	Hemorrhage	Minimal
	Mediastinum	Infiltration Cellular	Histiocyte, Focal, Minimal
		Inflammation	Chronic, Mild
	Mediastinum	Inflammation	Chronic, Diffuse, Mild
		Pigmentation	Marked
	[Pigmentation TGLS = 3-4+5]		
Pleura	Mesothelium	Hyperplasia	Mild
* Preputial Gland		Cyst	Marked

PRIMARY CAUSE OF DEATH

- Heart Pericardium Inflammation

Animal Note: Death in this animal is apparently related to effusion of pericardium and viscer al pleura; no clear etiology.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 421

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 460

HISTO: 43838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Liver		Hepatodiaphragmatic Nodule Necrosis	Marked Marked
	[Hepatodiaphragmatic Nodule TGLS = 2-15]		
	[Necrosis TGLS = 1-14]		
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
* Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 422

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Clear Cell Focus	Marked
	Periportal	Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 4-14]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Focal, Minimal
Lymph Node	Deep Cervical	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-15]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Skin		Inflammation	Acute, Marked
	Subcut Tiss	Thrombosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 422	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 200 PPM	DISP: Terminal Sacrifice	HISTO: 43839

ORGAN AND ACCOUNTABLE SITE STATUS

[Thrombosis TGLS = 2-15]		Ulcer	Moderate
[Ulcer TGLS = 2-15]			
* Testes	Germinal Epith	Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Marked

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

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 423

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- | | | | |
|---|---------------------------|--|------------------------------|
| * Islets, Pancreatic
[Carcinoma TGLS = 2-14] | | Carcinoma | |
| * Kidney | | Nephropathy | Chronic, Mild |
| * Nose | Olfactory Epi
Glands | Degeneration
Dilatation
Foreign Body | Mild
Mild
Minimal |
| * Pancreas | Olfactory Epi
Acinus | Hyperplasia
Atrophy | Basal Cell, Mild
Moderate |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Moderate |
| * Testes
[Adenoma TGLS = 1-9] | Bilateral, Interstit Cell | Adenoma | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 424

TRT#: 5

SEX: Male

DAY ON TEST: 586

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mesenteric	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Mammary Gland		Galactoceles	Marked
[Galactoceles TGLS = 1-14]			
* Nose	Olfactory Epi	Degeneration	Mild
		Inflammation	Suppurative, Mild
Note: nasal olfactory lesion is very subtle in xs1, more severe in xs2			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 425

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 722

HISTO: 43842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Trachea		

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear Necrosis Regeneration	Mild Marked
[Leukemia Mononuclear TGLS = 4-6]	Hepatocyte		
* Lung		Inflammation Leukemia Mononuclear Leukemia Mononuclear	Chronic, Moderate
* Lymph Node, Bronchial			
[Leukemia Mononuclear TGLS = 3-4]			
* Nose	Olfactory Epi Glands Olfactory Epi	Degeneration Dilatation Hyperplasia Inflammation	Mild Mild Basal Cell, Minimal Suppurative, Mild
* Pancreas	Acinus	Atrophy Thrombosis	Minimal Marked
[Thrombosis TGLS = 7-14]			
Penis		Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 425	TRT#: 5	SEX: Male	DAY ON TEST: 722
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 43842

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-16]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Suppurative, Marked
[Inflammation TGLS = 6-16]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 8-10+15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Calculus Micro Observation Only	Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 426

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Brain		Oligodendroglioma Malignant	
* Kidney		Nephropathy	Chronic, Mild
* Nose	Olfactory Epi Glands	Degeneration	Minimal
	Olfactory Epi	Dilatation	Minimal
	Nasolacrim Dct	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Inflammation	Suppurative, Minimal
* Testes	Bilateral, Interstit Cell	Hyperplasia	Marked
		Adenoma	

[Adenoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 427

TRT#: 5

SEX: Male

DAY ON TEST: 717

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Thymus
--------------------------	----------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Brain		Compression	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
[Leukemia Mononuclear TGLS = 4-7]			
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
* Lung		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-15]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-16]			
* Mammary Gland		Galactocele	Marked
[Galactocele TGLS = 1-14]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 427	TRT#: 5	SEX: Male	DAY ON TEST: 717
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 43844

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Foreign Body Hyperplasia Inflammation	Moderate Basal Cell, Minimal Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland [Adenoma TGLS = 3-10]	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach [Ulcer TGLS = 7-10]		Ulcer	Marked
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Stomach;Forestomach Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 428

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 6-7]			
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-7]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-16]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Goblet Cell	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Minimal
* Pancreas	Acinus	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Atrophy	Minimal
[Adenoma TGLS = 2-10]		Adenoma	
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 8-15]			
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 428

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 43845

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-9]	Artery	Inflammation	Chronic Active, Moderate
------------------------	--------	--------------	--------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 429

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct Periportal	Hyperplasia Inflammation Leukemia Mononuclear	Mild Chronic, Mild
[Leukemia Mononuclear TGLS = 7-6]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-16]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-16]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Skin	Subcut Tiss	Lipoma	
[Lipoma TGLS = 1-17+18]			
* Spleen		Fibrosis Leukemia Mononuclear	Marked
[Fibrosis TGLS = 6-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 429	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 200 PPM	DISP: Terminal Sacrifice	HISTO: 43846

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 430

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 722

HISTO: 43847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-14]			
* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
[Pheochromocytoma Malignant TGLS = 2-14]			
* Lung	Alveolar Epith	Hypertrophy	Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Minimal Minimal
	Olfactory Epi	Hyperplasia Inflammation	Basal Cell, Minimal Suppurative, Mild
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Interstit Cell Germinal Epith Interstit Cell	Adenoma Atrophy Hyperplasia	Mild Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 430

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43847

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 431

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 43848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Necrosis	Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Minimal Minimal
* Pancreas	Olfactory Epi Acinus Duct	Hyperplasia Atrophy Cyst	Basal Cell, Minimal Minimal Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 432

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 43849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone		Hyperostosis	Moderate
* Heart	Atrium	Thrombosis	Marked
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-5]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-15]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
		Hyperplasia	Basal Cell, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 432

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43849

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 433

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Pancreatic	Ectasia	Moderate
[Ectasia TGLS = 3-6]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin		Cyst Epithelial Inclusion	Marked
[Cyst Epithelial Inclusion TGLS = 1-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 434

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 676

HISTO: 43851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Larynx	* Lung	Lymph Node
* Lymph Node, Mesenteric	* Mammary Gland	Oral Mucosa	* Pancreas
* Parathyroid Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Brain		Compression	Moderate
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-14]			
* Kidney		Nephropathy	Chronic, Marked
* Liver		Vacuolization Cytoplasmic	Mild
* Nose	Olfactory Epi Glands	Degeneration	Minimal
		Dilatation	Minimal
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-15]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-6]			
* Testes	Interstit Cell Artery	Adenoma	
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 434

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 676
HISTO: 43851

ORGAN AND ACCOUNTABLE SITE STATUS

Mesothelioma Malignant

[Mesothelioma Malignant TGLS = 3,4-14+15]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 435

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Eye [Hemorrhage TGLS = 2-13]	Antr Chamber	Hemorrhage	Marked
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Mammary Gland [Galactocoele TGLS = 6-15]		Galactocoele	Marked
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Minimal Mild
* Pituitary Gland [Adenoma TGLS = 3-10]	Olfactory Epi Pars Distalis	Hyperplasia Adenoma	Basal Cell, Minimal
* Testes [Adenoma TGLS = 4-9] [Atrophy TGLS = 5-9]	Interstit Cell Germinal Epith	Adenoma Atrophy	Marked
Zymbal's Gland		Carcinoma Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 435

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43852

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-14+17]

[Inflammation TGLS = 1-17]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 436

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-15]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Hyperkeratosis	Marked
[Hyperkeratosis TGLS = 1-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 437

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	Marked
	Bile Duct	Hyperplasia	Mild
[Hepatodiaphragmatic Nodule TGLS = 4-14]			
Lymph Node	Pancreatic	Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 5-15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-15]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
* Pancreas	Acinus	Hyperplasia	Basal Cell, Mild
	Duct	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 1-10]		Adenoma	
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 437

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43854

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 438

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 578

HISTO: 43855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 8-18]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-16]			
* Nose	Olfactory Epi Glands	Degeneration	Minimal
	Olfactory Epi Pars Distalis	Dilatation	Minimal
* Pituitary Gland		Hyperplasia	Basal Cell, Minimal
[Hyperplasia TGLS = 6-10]		Hyperplasia	Minimal
* Preputial Gland		Cyst	Marked
		Hyperplasia	Marked
[Cyst TGLS = 3-14]			
[Hyperplasia TGLS = 3-14]			
* Prostate		Inflammation	Suppurative, Marked
[Inflammation TGLS = 7-15]			
* Skin		Basal Cell Adenoma	
		Cyst Epithelial Inclusion	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 438	TRT#: 5	SEX: Male	DAY ON TEST: 578
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 43855

ORGAN AND ACCOUNTABLE SITE STATUS

[Basal Cell Adenoma TGLS = 2-17]			
[Cyst Epithelial Inclusion TGLS = 8-18]			
* Testes	Bilateral, Interstit Cell Germinal Epith	Adenoma Atrophy	Marked
[Adenoma TGLS = 5-9]			
[Atrophy TGLS = 4-9]			
Urethra	Transit Epithe	Hyperplasia	Moderate
* Urinary Bladder		Calculus Micro Observation Only	Marked
	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Prostate Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Preputial Gland Hyperplasia

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 439

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 619

HISTO: 43856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 440

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* 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	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Harderian Gland		Atrophy	Marked
[Atrophy TGLS = 1,2-13]			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 3-14]			
* Nose	Olfactory Epi Glands	Degeneration	Minimal
	Olfactory Epi	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Minimal
* Testes	Bilateral, Interstit Cell	Hyperplasia	Marked
[Adenoma TGLS = 4-9]		Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 441

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Zymbal's Gland	

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Islets, Pancreatic		Adenoma	
* Liver		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 442

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Moderate
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 443

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Eye	Lens	Cataract	Moderate
[Cataract TGLS = 1-13]			
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Angiectasis	Marked
[Angiectasis TGLS = 4-14]			
* Lung	Alveolus	Infiltration Cellular Inflammation	Histiocyte, Focal, Minimal Chronic, Focal, Minimal
Note: Enlarged Macrophages.			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 443

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 43860

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 444

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-15]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Goblet Cell	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Mild
* Prostate		Adenoma	
* Spleen		Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 2-14]		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-17]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 445

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 723

HISTO: 43862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,2,8-6+14+15]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-17]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-16]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Minimal Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Suppurative, Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 9-18]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 445	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 723 HISTO: 43862
-----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Atrophy TGLS = 6-9]	Germinal Epith	Atrophy	Marked
* Urinary Bladder [Hemorrhage TGLS = 5-10]		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 446

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Bronchial	* Thymus
-------------------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Marked
* Larynx		Foreign Body	Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
* Mammary Gland		Galactoceles	Marked
[Galactoceles TGLS = 1-14]			
* Nose	Olfactory Epi Glands Olfactory Epi	Degeneration Dilatation Hyperplasia Inflammation	Mild Mild Basal Cell, Mild Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			
* Urinary Bladder		Calculus Micro Observation Only	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 447

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
* Pituitary Gland	Olfactory Epi Pars Distalis	Hyperplasia Adenoma	Basal Cell, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

[Adenoma TGLS = 1-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 448

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Chronic, Focal, Marked
		Necrosis	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 3-14]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-15]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 5-18]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Skin		Hyperkeratosis	Moderate
[Hyperkeratosis TGLS = 1-18]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 448	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 200 PPM	DISP: Terminal Sacrifice	HISTO: 43865

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 8-17]		Necrosis	Marked
[Necrosis TGLS = 7-16]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 449

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 544

HISTO: 43866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Eye	Lens	Cataract	Moderate
[Cataract TGLS = 6-13]			
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-14]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-15]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Minimal Minimal
* Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 449

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 544
HISTO: 43866

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 4-14]		Leukemia Mononuclear
* Testes [Adenoma TGLS = 3-9]	Bilateral, Interstit Cell	Adenoma

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 450

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Moderate
* Kidney		Nephropathy	Chronic, Moderate
* Mammary Gland		Carcinoma Fibroadenoma	
[Carcinoma TGLS = 2-14]			
[Fibroadenoma TGLS = 5-15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-16]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
* Pituitary Gland	Olfactory Epi Pars Distalis	Hyperplasia Adenoma	Basal Cell, Minimal
[Adenoma TGLS = 1-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 450

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43867

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 601

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 43718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign Carcinoma	Moderate
* Islets, Pancreatic [Carcinoma TGLS = 5-15]			
* Kidney		Nephropathy Carcinoma	Chronic, Minimal Metastatic (Islets, Pancreatic)
* Liver [Carcinoma TGLS = 6-14]			
* Lung Mesentery [Necrosis TGLS = 3,4-15+16]		Inflammation Necrosis	Chronic, Focal, Minimal Moderate
* Nose	Olfactory Epi Glands Nasopharyn Dct, Respirat Epith Olfactory Epi	Degeneration Dilatation Hyperplasia Hyperplasia	Mild Minimal Marked Basal Cell, Mild
Note: Olfactory epithelial degeneration includes axonal atrophy, occasional corpora amylacea in basement membrane.			
Note: Discrete focus of marked hyperplasia of resp epithelium in nasopharyngeal duct. Photogenic.			
* Pituitary Gland [Adenoma TGLS = 2-10]	Pars Distalis	Adenoma	
* Skin		Basal Cell Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 601	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 400 PPM	DISP: Terminal Sacrifice	HISTO: 43718

ORGAN AND ACCOUNTABLE SITE STATUS

[Basal Cell Adenoma TGLS = 1-16]

* Testes	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 602

TRT#: 7

SEX: Male

DAY ON TEST: 567

DOSE: 400 PPM

DISP: Natural Death

HISTO: 43719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|---------------------------|-----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Islets, Pancreatic |
| * Larynx | * Liver | * Lung | * Lymph Node, Mediastinal |
| * Lymph Node, Mesenteric | * Mammary Gland | * Parathyroid Gland | Peritoneum |
| * Pituitary Gland | Pleura | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

- | | | | |
|-------------|---------------------------|--------------|------------------|
| * Kidney | | Nephropathy | Chronic, Minimal |
| * Nose | Nasopharyn Dct | Cyst | Marked |
| | Olfactory Epi | Degeneration | Mild |
| | Glands | Dilatation | Minimal |
| | Olfactory Epi | Hyperplasia | Basal Cell, Mild |
| Oral Mucosa | Gingival | Cyst | Marked |
| * Pancreas | Acinus | Atrophy | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |

[Adenoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

- Oral Mucosa Gingival Cyst

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 603

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Nose	Olfactory Epi Glands Goblet Cell Olfactory Epi Acinus	Degeneration Dilatation Hyperplasia Hyperplasia Atrophy Cyst Ganglioneuroma	Moderate Mild Minimal Basal Cell, Moderate Moderate Moderate
* Pancreas			
* Pituitary Gland	Pars Distalis		
	[Cyst TGLS = 1-10]		
	[Ganglioneuroma TGLS = 1-10]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-9]		
* Urinary Bladder		Calculus Micro Observation Only	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 604

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
[Infiltration Cellular TGLS = 5-5]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Goblet Cell	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Minimal
* Pancreas	Acinus	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Atrophy	Moderate
[Adenoma TGLS = 1-10]		Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 4-9]			
[Atrophy TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 604

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43721

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 605

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Larynx		Foreign Body	Moderate
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 5-14]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-15+16]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Goblet Cell	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Moderate
	Nasolacrim Dct	Hyperplasia	Basal Cell, Mild
	Acinus	Inflammation	Suppurative, Minimal
* Pancreas	Pars Distalis	Atrophy	Mild
* Pituitary Gland	Bilateral, Interstit Cell	Hyperplasia	Moderate
* Testes		Adenoma	
[Adenoma TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 605

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43722

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 606

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
Note: Nasal lesions are most notable in dorsal meatus/median septum of xs3.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 607

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Galactoceles	Marked
[Galactoceles TGLS = 1-15]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi Pars Distalis	Dilatation	Minimal
* Pituitary Gland		Hyperplasia	Basal Cell, Minimal
[Adenoma TGLS = 2-10]		Adenoma	
* Testes	Interstitial Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Trachea	Glands	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 608

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Goblet Cell	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
	[Hyperplasia TGLS = 2-14]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-9]		
* Trachea	Glands	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 609

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 562
HISTO: 43726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum * Intestine Small, Jejunum

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Heart	Atrium	Thrombosis	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Necrosis	Moderate
[Necrosis TGLS = 4-6]			
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 9-4]	Alveolar Epith	Hyperplasia	Marked
[Hyperplasia TGLS = 8-4]			
* Lymph Node, Bronchial		Infiltration Cellular	Moderate
[Infiltration Cellular TGLS = 2-3]		Pigmentation	Moderate
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
Peritoneum		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 609	TRT#: 7	SEX: Male	DAY ON TEST: 562
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 43726

ORGAN AND ACCOUNTABLE SITE STATUS

[Mesothelioma Malignant TGLS = 5,6,7-14+15+16]

* Spleen		Hematopoietic Cell Proliferation	Marked
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Moderate
		Mesothelioma Malignant	

[Adenoma TGLS = 3-9]

PRIMARY CAUSE OF DEATH	- Peritoneum	Mesothelioma Malignant
------------------------	--------------	------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 610

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Lymph Node, Mediastinal		Angiectasis	Marked
[Angiectasis TGLS = 1-3]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Moderate Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 611

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 43728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Lung		Hemorrhage	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
[Infiltration Cellular TGLS = 2-5]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Goblet Cell	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			
* Trachea	Glands	Degeneration	Cystic, Mild
* Urinary Bladder		Calculus Micro Observation Only	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 612

TRT#: 7

SEX: Male

DAY ON TEST: 638

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Peritoneum
Pleura	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
* Pancreas	Acinus	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Atrophy	Mild
	[Adenoma TGLS = 2-10]	Adenoma	
* Preputial Gland		Carcinoma	
	[Carcinoma TGLS = 1-14+15+16]		
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-9]		
* Urinary Bladder		Calculus Micro Observation Only	Minimal

PRIMARY CAUSE OF DEATH

- Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 613

TRT#: 7

SEX: Male

DAY ON TEST: 687

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney	Cortex, Renal Tubule	Degeneration	Mild
		Nephropathy	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Mild
* Nose	Olfactory Epi	Degeneration	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 614

TRT#: 7

SEX: Male

DAY ON TEST: 513

DOSE: 400 PPM

DISP: Natural Death

HISTO: 43731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Lung	Perivascular	Edema	Minimal
	Interstitium	Fibrosis	Minimal
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
	Perivascular	Infiltration Cellular	Eosinophil, Minimal
Note: perivascular and peribronchiolar eosinophil infiltrate [Hyperplasia TGLS = 1-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Lung Perivascular Edema

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 614

TRT#: 7

SEX: Male

DAY ON TEST: 513

DOSE: 400 PPM

DISP: Natural Death

HISTO: 43731

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Nose Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 615

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 3-6]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Mild
* Testes	Bilateral, Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 2-9]		Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 616

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 3-14]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Marked
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Goblet Cell	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]		Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 617

TRT#: 7

SEX: Male

DAY ON TEST: 724

DOSE: 400 PPM

DISP: Natural Death

HISTO: 43734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Harderian Gland	* 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
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Brain		Compression	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-1]			
* Eye	Lens	Cataract	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-15]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-8]			
* Mammary Gland		Galactocele	Marked
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 617	TRT#: 7	SEX: Male	DAY ON TEST: 724
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 43734

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-14]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 8-15]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 618

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mediastinal
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
* Pancreas	Acinus	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Atrophy	Marked
* Testes	Interstit Cell	Hyperplasia	Moderate
	Interstit Cell	Adenoma	
		Hyperplasia	Moderate

[Adenoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 619

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric
* Mammary Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Moderate
* Liver		Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-15]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Goblet Cell	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Mild
* Pancreas	Acinus	Hyperplasia	Basal Cell, Mild
Peritoneum		Atrophy	Mild
Note: mesothelioma tags around pancreas on slide 14		Mesothelioma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 619

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43736

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-9]

[Mesothelioma Malignant TGLS = 6-16]

* Thyroid Gland

C Cell

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 620

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- | | | | |
|----------|---|--|---|
| * Kidney | | Nephropathy | Chronic, Minimal |
| * Nose | Olfactory Epi
Glands
Goblet Cell
Olfactory Epi | Degeneration
Dilatation
Hyperplasia
Hyperplasia
Inflammation | Mild
Minimal
Mild
Basal Cell, Mild
Suppurative, Minimal |
| * Testes | Bilateral, Interstit Cell | Adenoma | |

[Adenoma TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 621

TRT#: 7

SEX: Male

DAY ON TEST: 708

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla	Bilateral	Hyperplasia	Marked
* Kidney	Cortex, Renal Tubule	Hyperplasia	Marked
		Nephropathy	Chronic, Marked
	[Nephropathy TGLS = 3-7]		
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Mild
	[Adenoma TGLS = 1-10]	Adenoma	
* Stomach, Glandular		Erosion	Mild
	[Erosion TGLS = 4-14]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-9]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 622

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx
* Liver	* Lung	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland	Peripheral Nerve	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Chronic, Mild
[Carcinoma TGLS = 4-7]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
* Pancreas	Acinus	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Atrophy	Moderate
[Adenoma TGLS = 2-10]		Adenoma	
* Skin	Subcut Tiss	Fibroma	
Note: tgl 1 is fibroma with extensive mineralization			
[Fibroma TGLS = 1-14]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 622	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 400 PPM	DISP: Terminal Sacrifice	HISTO: 43739

ORGAN AND ACCOUNTABLE SITE STATUS

* Trachea	Glands	Degeneration	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 623

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* 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	* Mammary Gland	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Eye	Cornea	Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Marked
	[Nephropathy TGLS = 5-7]		
* Liver		Clear Cell Focus	Marked
	[Clear Cell Focus TGLS = 2,3,4-14+16+17]	Hepatodiaphragmatic Nodule	Marked
	[Hepatodiaphragmatic Nodule TGLS = 8-15]		
* Lung	Alveolar Epith	Hypertrophy	Minimal
	Alveolus	Hypertrophy	Minimal
		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hemorrhage	Moderate
	[Hemorrhage TGLS = 6-17]		
* Lymph Node, Bronchial		Hemorrhage	Moderate
	[Hemorrhage TGLS = 1-16]		
* Lymph Node, Mesenteric		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 623	TRT#: 7 DOSE: 400 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 43740
-----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi Glands Nasopharyn Dct Goblet Cell Olfactory Epi	Degeneration Dilatation Foreign Body Hyperplasia Hyperplasia Inflammation	Mild Mild Minimal Mild Basal Cell, Minimal Suppurative, Minimal
* Pituitary Gland [Adenoma TGLS = 9-10]	Pars Distalis	Adenoma	
* Testes [Adenoma TGLS = 7-9]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 624

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Goblet Cell	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Mild
[Adenoma TGLS = 1-10]		Adenoma	
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 625

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- | | | | |
|---------------------------------------|---------------------------|----------------------------|-----------------------------|
| * Kidney | | Nephropathy | Chronic, Minimal |
| * Liver | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 1,2-6] | | | |
| * Nose | Olfactory Epi
Glands | Degeneration
Dilatation | Mild
Minimal |
| * Pancreas | Olfactory Epi
Acinus | Hyperplasia
Atrophy | Basal Cell, Mild
Minimal |
| * Skin | | Basal Cell Adenoma | |
| [Basal Cell Adenoma TGLS = 3-14] | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [Adenoma TGLS = 4-9] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 626

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	Oral Mucosa
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Nose	Olfactory Epi Glands Goblet Cell Olfactory Epi	Degeneration Dilatation Hyperplasia Hyperplasia Inflammation	Mild Minimal Minimal Basal Cell, Mild Suppurative, Mild
* Pituitary Gland [Adenoma TGLS = 3-10]	Pars Distalis	Adenoma	
* Testes [Adenoma TGLS = 2-9] [Atrophy TGLS = 1-9]	Interstit Cell Germinal Epith	Adenoma Atrophy	Marked
* Urinary Bladder		Calculus Micro Observation Only	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 627

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Deep Cervical	Angiectasis	Mild
[Angiectasis TGLS = 1-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
	Nasolacrim Dct	Hyperplasia	Basal Cell, Mild
* Testes	Bilateral, Interstit Cell	Inflammation	Suppurative, Moderate
[Adenoma TGLS = 2-9]		Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 628

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 682

HISTO: 43745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	Pleura	* Preputial Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Kidney)
* Kidney	Renal Tubule	Carcinoma	
[Carcinoma TGLS = 7-14]			
* Liver		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung		Carcinoma	Metastatic (Kidney)
[Carcinoma TGLS = 2-4,5]			
* Lymph Node, Mediastinal		Carcinoma	Metastatic (Kidney)
[Carcinoma TGLS = 3-3]			
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Kidney)
[Carcinoma TGLS = 10-8]			
Mesentery		Carcinoma	Metastatic (Kidney)
[Carcinoma TGLS = 6,8-17+18]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Minimal
* Pancreas		Carcinoma	Metastatic (Kidney)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 628	TRT#: 7	SEX: Male	DAY ON TEST: 682
	DOSE: 400 PPM	DISP: Moribund Sacrifice	HISTO: 43745

ORGAN AND ACCOUNTABLE SITE STATUS

Peritoneum	Carcinoma	Metastatic (Kidney)
* Prostate	Carcinoma	Metastatic (Kidney)
* Seminal Vesicle [Carcinoma TGLS = 4-10]	Carcinoma	Metastatic (Kidney)
Skeletal Muscle [Carcinoma TGLS = 9-16]	Carcinoma	Metastatic (Kidney)
* Spleen	Carcinoma	Metastatic (Kidney)

PRIMARY CAUSE OF DEATH - Kidney Renal Tubule Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 629

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 674

HISTO: 43746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
Peritoneum	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
[Pheochromocytoma Benign TGLS = 5-7]			
* Kidney	Cortex, Renal Tubule	Hyperplasia Nephropathy	Marked Chronic, Marked
[Nephropathy TGLS = 2-7]			
Mesentery	Fat	Hemorrhage	Marked
[Hemorrhage TGLS = 3-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 629

TRT#: 7

SEX: Male

DAY ON TEST: 674

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43746

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 630

TRT#: 7

SEX: Male

DAY ON TEST: 614

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx
* Liver	* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain		Compression	Marked
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Moderate
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-10]		
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-9]		
* Trachea	Glands	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 631

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Eye	* Harderian Gland	* Heart
* 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, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Esophagus		Foreign Body	
Note: "foreign body" observed at necropsy in esophageal lumen is normal fat. [Foreign Body TGLS = 1-14]			
* Kidney	Pelvis, Transit Epithe	Mineralization	Moderate
		Nephropathy	Chronic, Marked
* Larynx		Foreign Body	Mild
		Inflammation	Suppurative, Minimal
	Epiglottis	Metaplasia	Squamous, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Seminal Vesicle		Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 631

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 43748

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Germinal Epith	Atrophy	Moderate
----------	----------------	---------	----------

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 632

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 3-6]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
Note: Enlarged Macrophages.			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi Glands Olfactory Epi	Degeneration Dilatation Hyperplasia Inflammation	Mild Minimal Basal Cell, Minimal Suppurative, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Germinal Epith	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 633

TRT#: 7

SEX: Male

DAY ON TEST: 680

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
		Fibrosarcoma	
* Intestine Small, Ileum			
[Fibrosarcoma TGLS = 9-19]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Serosa	Fibrosis	Marked
	Serosa	Hemorrhage	Marked
[Fibrosis TGLS = 7-20]			
[Hemorrhage TGLS = 7-20]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
[Hyperplasia TGLS = 10-19]			
Mesentery		Necrosis	Marked
[Necrosis TGLS = 5-21]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-14]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 633	TRT#: 7	SEX: Male	DAY ON TEST: 680
	DOSE: 400 PPM	DISP: Moribund Sacrifice	HISTO: 43750

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-10]		
* Skin	Subcut Tiss	Fibroma
[Fibroma TGLS = 1-15+16+17+18]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 4-9]		

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 634

TRT#: 7

SEX: Male

DAY ON TEST: 633

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* 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	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Brain		Gliosis	Moderate
* Islets, Pancreatic		Adenoma	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Goblet Cell	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 635

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 43752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Marked
		Inflammation	Chronic, Focal, Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 5,6-15+16]		
	[Hyperplasia TGLS = 4-14]		
Mesentery		Necrosis	Mild
	[Necrosis TGLS = 1-17]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Goblet Cell	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-10]		
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 635

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 43752

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 636

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	Oral Mucosa	* Pancreas
* Parathyroid Gland	Peripheral Nerve	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 4-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Nose	Olfactory Epi Glands Goblet Cell Olfactory Epi	Degeneration Dilatation Hyperplasia Hyperplasia	Mild Mild Mild Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma Hemorrhage	Moderate
[Adenoma TGLS = 2-10]			
[Hemorrhage TGLS = 2-10]			
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-14]			
* Testes	Interstit Cell Germinal Epith	Adenoma Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 636

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43753

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 637

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 694

HISTO: 43754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4+5]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1,2,3-16+17]			
* Spleen		Leukemia Mononuclear Necrosis	Marked
[Leukemia Mononuclear TGLS = 7-15]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 637	TRT#: 7	SEX: Male	DAY ON TEST: 694
	DOSE: 400 PPM	DISP: Moribund Sacrifice	HISTO: 43754

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 8-15]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 9-9]		
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 638

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
-------------------------	---------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
* Testes	Olfactory Epi Bilateral, Interstit Cell	Hyperplasia Adenoma	Basal Cell, Mild

[Adenoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 639

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney	Papilla, Renal Tubule	Dilatation	Marked
		Nephropathy	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Goblet Cell	Hyperplasia	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 640

TRT#: 7

SEX: Male

DAY ON TEST: 723

DOSE: 400 PPM

DISP: Natural Death

HISTO: 43757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* Heart	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Larynx	* Nose	* Pituitary Gland	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Fibrous Histiocytoma Necrosis	Metastatic (Skin) Marked
[Necrosis TGLS = 2-6]			
* Lung		Fibrous Histiocytoma Hemorrhage	Metastatic (Skin) Moderate
[Hemorrhage TGLS = 1-4+5]			
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 4-14]			
* Spleen		Fibrous Histiocytoma	Metastatic (Skin)
* Stom Gland			
Note: TGL 5 not detectable due to autolysis.			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrous Histiocytoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 641

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	Peritoneum	Pleura	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	Marked
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 4-6]		
	[Leukemia Mononuclear TGLS = 5-6]		
* Lung		Hemorrhage	Minimal
	Alveolar Epith	Hypertrophy	Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Cyst Epithelial Inclusion	Marked
	Subcut Tiss	Myxoma	
	[Cyst Epithelial Inclusion TGLS = 1-16]		
	[Myxoma TGLS = 2-14+15]		
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:20
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 641	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 400 PPM	DISP: Terminal Sacrifice	HISTO: 43758

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 3-9]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:20

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 642

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Preputial Gland		Cyst Hyperplasia	Marked Marked
[Hyperplasia TGLS = 1-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 643

TRT#: 7

SEX: Male

DAY ON TEST: 589

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-15]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-8]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Spleen		Accessory Spleen	
		Fibrosis	Marked
		Leukemia Mononuclear	
[Accessory Spleen TGLS = 5-14]			
[Fibrosis TGLS = 6-14]			
[Leukemia Mononuclear TGLS = 4-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 643

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 589
HISTO: 43760

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 3-9]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 644

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

[Adenoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 645

TRT#: 7

SEX: Male

DAY ON TEST: 569

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	Marked
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 4-16]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-14]		
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-17]		
	[Leukemia Mononuclear TGLS = 7-15]		
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Mild
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLS = 10-17]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 645	TRT#: 7	SEX: Male	DAY ON TEST: 569
	DOSE: 400 PPM	DISP: Moribund Sacrifice	HISTO: 43762

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 6-15]			
[Leukemia Mononuclear TGLS = 5-15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 9-9]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Spleen	Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 646

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Moderate
* Kidney		Cyst	Marked
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-7]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
		Dilatation	Mild
* Pituitary Gland	Olfactory Epi Pars Distalis	Hyperplasia	Basal Cell, Minimal
		Adenoma	
[Adenoma TGLS = 1-10]			
* Testes	Germinal Epith	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 647

TRT#: 7

SEX: Male

DAY ON TEST: 680

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-14]			
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Angiectasis	Moderate
[Angiectasis TGLS = 8-14]			
* Lymph Node, Mediastinal		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-3]			
* Mammary Gland		Galactoceles	Marked
[Galactoceles TGLS = 1-15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Minimal
[Adenoma TGLS = 7-10]		Adenoma	
* Skin		Inflammation	Granulomatous, Marked
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 647

TRT#: 7

SEX: Male

DAY ON TEST: 680

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43764

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-9]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Pheochromocytoma Malignant; Mammary Gland Galactocele

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 648

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 43765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Goblet Cell	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Mild
[Adenoma TGLS = 1-10]		Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 649

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

- | | | | |
|----------------------------|---------------------------|----------------------------|----------------------|
| * Kidney | | Nephropathy | Chronic, Moderate |
| * Liver | | Vacuolization Cytoplasmic | Mild |
| * Lung | | Congestion | Mild |
| | | Inflammation | Chronic, Focal, Mild |
| [Congestion TGLS = 1-14] | | | |
| * Nose | Olfactory Epi
Glands | Degeneration
Dilatation | Mild
Mild |
| | Olfactory Epi
Acinus | Hyperplasia
Adenoma | Basal Cell, Mild |
| * Pancreas | | | |
| [Adenoma TGLS = 3-6] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [Adenoma TGLS = 2-9] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 650

TRT#: 7

SEX: Male

DAY ON TEST: 710

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Peritoneum
Pleura	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Marked
		Hemorrhage	Moderate
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Leukemia Mononuclear	
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-10]		
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-9]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 101

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 716
HISTO: 43668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Larynx		Carcinoma	Metastatic (Thyroid Gland)
* Liver		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 4,6-14+15]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
Note: Enlarged Macrophages			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-16]			
* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Moderate Hyaline, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 2-3]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver	Periportal	Inflammation	Chronic, Mild
[Inflammation TGLS = 5,6-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-15]			
* Ovary		Cyst	Marked
[Cyst TGLS = 3-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 4-14]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 477

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Leukemia Mononuclear Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,3-14]			
* Stomach, Forestomach		Ulcer	Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Stomach;Forestomach Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 104

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 43671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Renal Tubule Cortex, Renal Tubule	Dilatation Hyperplasia Nephropathy	Marked Moderate Chronic, Moderate
[Dilatation TGLS = 3-7] [Hyperplasia TGLS = 3-7]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 105

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 43672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

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

OBSERVATIONS

* Brain		Compression	Marked
Note: pituitary tumor fragment attached to ventral cerebellum			
* Clitoral Gland		Cyst	Marked
[Cyst TGLS = 3-9]			
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
		Inflammation	Chronic, Focal, Minimal
Note: Enlarged Macrophages.			
[Inflammation TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 106

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

- | | | | |
|-----------------------------|---------------|---------------------------|-------------------------|
| * Adrenal Cortex | | Vacuolization Cytoplasmic | Marked |
| * Lung | | Inflammation | Chronic, Focal, Minimal |
| [Inflammation TGLS = 2-5] | | | |
| * Nose | Olfactory Epi | Degeneration | Hyaline, Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 1-10] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Marked
[Cyst TGLS = 1-14]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 108

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Larynx |
| * Liver | * Lymph Node, Bronchial | * Ovary | * Pancreas |
| * Parathyroid Gland | Peritoneum | Pleura | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

MISSING

- | | |
|--------------------------|----------|
| * Lymph Node, Mandibular | * Thymus |
|--------------------------|----------|

OBSERVATIONS

- | | | |
|--|--------------------------|-------------------------|
| * Lung | Inflammation | Chronic, Focal, Minimal |
| * Lymph Node, Mediastinal | Hyperplasia | Lymphoid, Marked |
| * Lymph Node, Mesenteric | Infiltration Cellular | Histiocyte, Moderate |
| * Mammary Gland | Fibroadenoma | Multiple |
| [Fibroadenoma TGLS = 1,2,3-14+15+16] | | |
| * Nose | Inflammation | Suppurative, Moderate |
| * Pituitary Gland | Pars Distalis
Adenoma | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: CONTROL

DISP: Natural Death

HISTO: 43676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Pituitary Gland	Pars Distalis	Adenoma
-------------------	---------------	---------

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 110

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	Mild
[Clear Cell Focus TGLS = 6-6+15]			
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 5-5]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-16+17]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 4-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 111

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Clear Cell Focus	Minimal
		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 2-14]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 112

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
-------------------------	---------------------------

OBSERVATIONS

* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 5-14]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,3,4-14+15+16+17+18]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 113

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Moderate
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14+15]			
* Pancreas	Acinus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 114

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Liver		Clear Cell Focus	Mild
[Clear Cell Focus TGLS = 3-17]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2,4-15+16]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Accessory Spleen	
		Fibrosis	Moderate
[Accessory Spleen TGLS = 1-14]			
[Fibrosis TGLS = 1-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 115

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 722
HISTO: 43682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Marked
* Brain		Compression	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 116

TRT#: 2

SEX: Female

DAY ON TEST: 703

DOSE: CONTROL

DISP: Natural Death

HISTO: 43683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mediastinal	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-17]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-14+15]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Spleen		Accessory Spleen	
		Leukemia Mononuclear	
[Accessory Spleen TGLS = 6-16]			
[Leukemia Mononuclear TGLS = 5-16]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 116

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 703
HISTO: 43683

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 117

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 533

HISTO: 43684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Histiocytic Sarcoma	Metastatic (Spleen)
[Histiocytic Sarcoma TGLS = 6-6]			
* Lung	Alveolar Epith	Hypertrophy	Minimal
Lymph Node	Pancreatic	Histiocytic Sarcoma	Metastatic (Spleen)
[Histiocytic Sarcoma TGLS = 5-14]			
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
[Cyst TGLS = 1-10]			
[Hyperplasia TGLS = 1-10]			
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2,3,4-14+15]			

PRIMARY CAUSE OF DEATH

- Spleen Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 118

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 43685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,5-15+16]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-16]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Spleen		Leukemia Mononuclear	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 119

TRT#: 2

SEX: Female

DAY ON TEST: 437

DOSE: CONTROL

DISP: Natural Death

HISTO: 43686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	* Pituitary Gland	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
[Hemorrhage TGLS = 1-4+5]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 120

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	Moderate
[Clear Cell Focus TGLS = 7-14]			
* Lung		Atrophy	Marked
		Infiltration Cellular	Histiocyte, Marked
		Inflammation	Chronic, Diffuse, Moderate
	Mediastinum	Necrosis	Fatty, Marked
[Atrophy TGLS = 8-4]			
[Infiltration Cellular TGLS = 5-18]			
[Necrosis TGLS = 2,3,9-3+4+5+15]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
		Foreign Body	Moderate
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-10]			
Pleura		Fibrosis	Mild
Skeletal Muscle		Necrosis	Marked
[Necrosis TGLS = 4,6-16+17]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 120

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43687

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 121

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-15+16]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 5-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]		Cyst	Marked
[Cyst TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 122

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 687

HISTO: 43689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	Peritoneum	* Pituitary Gland
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Zymbal'S Gland)
		Vacuolization Cytoplasmic	Minimal
* Esophagus		Carcinoma	Metastatic (Zymbal'S Gland)
* Eye		Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLS = 5-13]			
* Harderian Gland		Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLS = 6-13]			
* Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
	Pelvis, Transit Epithe	Mineralization	Mild
* Larynx		Carcinoma	Metastatic (Zymbal'S Gland)
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLS = 4-4+5]			
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLS = 2-15]			
* Lymph Node, Mediastinal		Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLS = 1-3]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 122	TRT#: 2 DOSE: CONTROL	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 687 HISTO: 43689
-----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Carcinoma	Metastatic (Zymbal'S Gland)
* Trachea	Carcinoma	Metastatic (Zymbal'S Gland)
* Uterus [Polyp Stromal TGLS = 3-10]	Polyp Stromal	
Zymbal's Gland [Carcinoma TGLS = 7-14]	Carcinoma	

PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Carcinoma Zymbal'S Gland

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 123

TRT#: 2

SEX: Female

DAY ON TEST: 549

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Brain		Compression	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Portal	Bile Stasis	Moderate
* Lung		Inflammation	Chronic, Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: TGL 2 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 124

TRT#: 2

SEX: Female

DAY ON TEST: 515

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Larynx	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Eye	Cornea	Inflammation	Mild
* Harderian Gland		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4-13]			
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
Note: Enlarged Macrophages.			
* Lymph Node, Mediastinal		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 3-3]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 6-14]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-10]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Harderian Gland Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 125

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-14]			
* Ovary	Bilateral	Cyst	Moderate
[Cyst TGLS = 3-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 126

TRT#: 2

SEX: Female

DAY ON TEST: 710

DOSE: CONTROL

DISP: Natural Death

HISTO: 43693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Larynx
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	Pleura
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-15]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-16]			
* Spleen		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 6-16]			
[Leukemia Mononuclear TGLS = 3-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 126

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 710
HISTO: 43693

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Spleen	Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 127

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Liver	Periportal	Inflammation	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 2-5]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 5,6-15+16]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 4-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Cyst TGLS = 1-10]		Cyst	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 128

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Liver		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Mild
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Mammary Gland		Galactocele	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
Tongue	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-7]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 129

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Larynx | * Liver |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Ovary | * Pancreas |
| * Parathyroid Gland | Peritoneum | Pleura | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- | | | | |
|-----------------------------------|----------------|-----------------------|-------------------------|
| * Kidney | | Nephropathy | Chronic, Mild |
| * Lung | Alveolus | Infiltration Cellular | Histiocyte, Focal, Mild |
| | | Inflammation | Chronic, Focal, Mild |
| * Mammary Gland | | Fibroadenoma | Multiple |
| [Fibroadenoma TGLS = 1,2-14+15] | | | |
| * Nose | Respirat Epith | Degeneration | Hyaline, Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 3-10] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 130

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mediastinal
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-14]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Uterus		Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 131

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 132

TRT#: 2

SEX: Female

DAY ON TEST: 501

DOSE: CONTROL

DISP: Natural Death

HISTO: 43699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Harderian Gland
* 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	Mesentery
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Brain		Compression	Moderate
		Hemorrhage	Minimal
* Eye		Inflammation	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 133

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Eye
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Liver
- * Mammary Gland
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Adrenal Medulla
- * Brain
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lung
- * Nose
- Peritoneum
- * Skin
- * Thymus

- Blood Vessel
- * Clitoral Gland
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Lymph Node, Mediastinal
- * Ovary
- * Pituitary Gland
- * Spleen
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Larynx
- * Lymph Node, Mesenteric
- * Pancreas
- Pleura
- * Stomach, Forestomach
- * Trachea

MISSING

- * Lymph Node, Bronchial
- * Lymph Node, Mandibular

OBSERVATIONS

- * Uterus
- Polyp Stromal

[Polyp Stromal TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 134

TRT#: 2

SEX: Female

DAY ON TEST: 437

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 43701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Lung	Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mediastinal	Infiltration Cellular	Histiocyte, Moderate
	Inflammation	Suppurative, Moderate
[Infiltration Cellular TGLS = 1-3]		
* Nose	Inflammation	Suppurative, Marked
	Ulcer	Marked
Oral Mucosa	Pharyngeal	Marked

PRIMARY CAUSE OF DEATH

- Oral Mucosa Pharyngeal Ulcer

CONTRIBUTORY CAUSE OF DEATH

- Nose Inflammation;Nose Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 135

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 625

HISTO: 43702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Brain		Compression	Moderate
* Liver		Clear Cell Focus	Mild
		Hepatodiaphragmatic Nodule	Marked
[Clear Cell Focus TGLS = 4-6]			
[Hepatodiaphragmatic Nodule TGLS = 3-14]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-15]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
Note: pituitary tumor extends into midbrain.			
[Adenoma TGLS = 1,5-1+10]			
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 136

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 43703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Eye [Cataract TGLS = 2-13]	Lens	Cataract	Marked
* Liver [Leukemia Mononuclear TGLS = 4-6]		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Mammary Gland [Fibroadenoma TGLS = 1-14]		Fibroadenoma	
* Pituitary Gland [Adenoma TGLS = 3-10]	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 137

TRT#: 2

SEX: Female

DAY ON TEST: 436

DOSE: CONTROL

DISP: Natural Death

HISTO: 43704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|---------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Islets, Pancreatic | * Kidney |
| * Larynx | * Lung | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | Peritoneum | Pleura | * Salivary Glands |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- | | | |
|-------------------------|--------------------------|----------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Thymus |
|-------------------------|--------------------------|----------|

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

- | | | | |
|--|-------------|---------------------|-------------------|
| * Liver | Periportal | Inflammation | Chronic, Moderate |
| * Pituitary Gland | | Cyst | Marked |
| [Cyst TGLS = 1-10] | | | |
| * Skin | Subcut Tiss | Histiocytic Sarcoma | |
| [Histiocytic Sarcoma TGLS = 2-14+15] | | Ulcer | Marked |
| [Ulcer TGLS = 2-14+15] | | | |

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Histiocytic Sarcoma

CONTRIBUTORY CAUSE OF DEATH

- Pituitary Gland Cyst;Skin Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 138

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
* Lung		Inflammation	Chronic, Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Marked

[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 139

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 631

HISTO: 43706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mandibular
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Hemorrhage	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-15]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-8]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-16]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-14]			
* Nose	Globet Cell	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-17]			
* Thyroid Gland		Ultimobranchial Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 139

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 631
HISTO: 43706

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 140

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Liver [Hepatodiaphragmatic Nodule TGLS = 2,3-14+15]		Hepatodiaphragmatic Nodule	Marked
* Lung Alveolus		Infiltration Cellular Inflammation Fibroadenoma	Histiocyte, Focal, Minimal Chronic, Focal, Minimal Multiple
* Mammary Gland [Fibroadenoma TGLS = 1,5-9+15+16+17]			
Mesentery [Necrosis TGLS = 4-14]		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 141

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Regeneration	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 142

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Moderate
* Lung	Alveolar Epith	Hyperplasia Inflammation Carcinoma	Marked Chronic, Focal, Minimal
* Mammary Gland [Carcinoma TGLS = 3-14]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland [Adenoma TGLS = 1-10]	Pars Distalis	Adenoma	
* Uterus [Polyp Stromal TGLS = 2-14]		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 143

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Clitoral Gland		Cyst	Marked
		Inflammation	Chronic, Marked
[Cyst TGLS = 2-9]			
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 3-14]			
* Lung		Inflammation	Chronic, Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 144

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 694
HISTO: 43711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Marked
* Brain		Compression	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-10]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 145

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 43712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Mammary Gland	* Ovary	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-15]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 5-15]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 4-14]			
[Leukemia Mononuclear TGLS = 3-14]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 145

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 43712

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 146

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

MISSING

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

OBSERVATIONS

* Lung	Alveolar Epith	Hyperplasia	Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 2-15]			
[Fibroadenoma TGLS = 1-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 147

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Moderate

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 148

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 43715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx
* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Brain		Compression	Mild
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 3-6]			
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
Note: Enlarged Macrophages.			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-14+15+16]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 149

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 43716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Compression	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Mild
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-10]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 150

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 43717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Larynx	Epiglottis	Metaplasia	Squamous, Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung	Alveolar Epith	Hypertrophy	Minimal
		Leukemia Mononuclear	
		Fibroadenoma	
* Mammary Gland			
[Fibroadenoma TGLS = 1-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 302

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Liver [Hepatodiaphragmatic Nodule TGLS = 2-6]		Hepatodiaphragmatic Nodule	Marked
* Lung Mesentery [Necrosis TGLS = 3-14]		Inflammation Necrosis	Chronic, Focal, Minimal Moderate
* Nose	Olfactory Epi	Degeneration Inflammation	Minimal Suppurative, Minimal
* Pituitary Gland [Adenoma TGLS = 1-10]	Pars Distalis	Adenoma	
* Uterus [Polyp Stromal TGLS = 4-10]		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Lung		Hemorrhage	Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
Note: mammary ca adjacent to clitoral gland on slide 9. [Fibroadenoma TGLS = 2,3-14+15]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Deep Cervical	Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 1-14]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-14]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-15]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi Pars Distalis	Dilatation	Mild
* Pituitary Gland		Hyperplasia	Basal Cell, Minimal
* Uterus	Endometrium	Adenoma	
		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

- | | | | |
|-----------------------------------|----------------------|--------------|---------------------|
| * Larynx | | Inflammation | Suppurative, Mild |
| * Mammary Gland | | Fibroadenoma | Multiple |
| [Fibroadenoma TGLS = 1,2-14+15] | | | |
| * Nose | Olfactory Epi Glands | Degeneration | Mild |
| | | Dilatation | Minimal |
| | | Foreign Body | Minimal |
| | Goblet Cell | Hyperplasia | Mild |
| | Olfactory Epi | Hyperplasia | Basal Cell, Minimal |
| | | Inflammation | Suppurative, Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 3-10] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
Peripheral Nerve	Peritoneum	Pleura	* Salivary Glands
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
	Periportal	Inflammation	Chronic, Mild
	Hepatocyte	Regeneration	Marked
[Regeneration TGLS = 4-6+14]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
Note: Enlarged Macrophages			
Lymph Node	Pancreatic	Pigmentation	Marked
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Degeneration	Hyaline, Minimal
		Inflammation	Suppurative, Mild
* Ovary		Cyst	Marked
[Cyst TGLS = 3-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Hyperplasia	Lymphoid, Focal, Moderate
[Hyperplasia TGLS = 2-15]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43973

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: Divinylbenzene

Time Report Requested: 17:20:21

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 1321-74-0

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	Ear
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

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

OBSERVATIONS

Mesentery		Necrosis	Moderate
[Necrosis TGLS = 5-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
		Foreign Body	Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 3-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 4 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 308

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 642

HISTO: 43975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 4,8-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-15+16]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 7-14]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Brain Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 642

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43975

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 309

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 696

HISTO: 43976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Ovary
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney	Cortex, Renal Tubule	Hyperplasia	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-15]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-16]			
* Nose	Olfactory Epi	Degeneration	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 309

TRT#: 4
DOSE: 100 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 696
HISTO: 43976

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Polyp Stromal TGLS = 3-10]

Polyp Stromal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 310

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 43977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	Lacrimal Gland
* Larynx	* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3,4-14+16+17]			
* Nose	Olfactory Epi Glands	Degeneration	Minimal
	Olfactory Epi Pars Distalis	Dilatation	Minimal
* Pituitary Gland		Hyperplasia	Basal Cell, Minimal
* Skin		Adenoma	
[Cyst Epithelial Inclusion TGLS = 1-15]		Cyst Epithelial Inclusion	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 542

DOSE: 100 PPM

DISP: Natural Death

HISTO: 43978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

INSUFFICIENT TISSUE

* Eye

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland		Cyst	Moderate
* Spleen		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 5-14]			
[Leukemia Mononuclear TGLS = 2-14]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Spleen Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Mammary Gland	* Ovary
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Atrium	Thrombosis	Marked
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-8]			
* Nose	Olfactory Epi	Degeneration	Mild
	Goblet Cell	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43979

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Liver		Clear Cell Focus	Moderate
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 4,5-6+15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 715

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Focal, Mild
Lymph Node	Deep Cervical	Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 3-15]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-16+17]		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Nose	Olfactory Epi	Degeneration	Minimal
		Foreign Body	Moderate
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-15]			

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 487

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Larynx | * Liver | * Lymph Node, Mediastinal |
| * Lymph Node, Mesenteric | * Ovary | * Pancreas | * Parathyroid Gland |
| Peritoneum | * Pituitary Gland | Pleura | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

INSUFFICIENT TISSUE

Spinal Cord

OBSERVATIONS

- | | | | |
|---|---------------|--------------|---------------------------|
| * Bone
[Osteosarcoma TGLS = 2-14] | Vertebra | Osteosarcoma | |
| * Intestine Large, Colon
[Metaplasia TGLS = 3-8] | Epithelium | Metaplasia | Squamous, Focal, Moderate |
| * Lung | | Osteosarcoma | Metastatic (Bone) |
| * Mammary Gland | | Galactocele | Mild |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Olfactory Epi | Hyperplasia | Basal Cell, Minimal |

PRIMARY CAUSE OF DEATH

- Bone Vertebra Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 316

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 43983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 7-6]			
* Lung	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular Inflammation	Mild Histiocyte, Focal, Mild Chronic, Focal, Mild
[Inflammation TGLS = 9-5]			
* Lymph Node, Mediastinal		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 1-14]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 3,4,8-14+15+16]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 6-15]			
* Nose	Olfactory Epi Olfactory Epi	Degeneration Hyperplasia	Mild Basal Cell, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 5-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43983

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-14]			
* Eye	Lens	Cataract	Moderate
[Cataract TGLS = 2-13]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 318

TRT#: 4

SEX: Female

DAY ON TEST: 670

DOSE: 100 PPM

DISP: Natural Death

HISTO: 43985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|--------------------------|------------------------|----------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Clitoral Gland | * Esophagus | * Harderian Gland |
| * Heart | * Islets, Pancreatic | * Larynx | * Liver |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Ovary | * Pancreas |
| * Parathyroid Gland | Peritoneum | Pleura | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

AUTO PRECLUDES DIAG.

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Eye | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | |

OBSERVATIONS

- | | | | |
|------------------------------|---------------|--------------|-------------------------|
| * Brain | | Compression | Mild |
| | | Hemorrhage | Marked |
| * Kidney | | Nephropathy | Chronic, Minimal |
| * Lung | | Inflammation | Chronic, Focal, Minimal |
| * Mammary Gland | | Fibroadenoma | |
| [Fibroadenoma TGLS = 1-14] | | | |
| * Nose | Olfactory Epi | Degeneration | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 2-10] | | | |

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Brain Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Compression	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1,2-14+15]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Degeneration	Mild
		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 617

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Lymph Node, Bronchial |
| * Lymph Node, Mediastinal | * Ovary | * Parathyroid Gland | Peritoneum |
| Pleura | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- | | |
|--------------------------|------------|
| * Lymph Node, Mandibular | * Pancreas |
|--------------------------|------------|

OBSERVATIONS

- | | | | |
|--------------------------------------|---------------|------------------------|------------------|
| * Brain | | Leukemia Mononuclear | |
| * Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | |
| | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 5-6] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 7-15] | | | |
| * Mammary Gland | | Fibroadenoma | |
| [Fibroadenoma TGLS = 1-15] | | | |
| Mesentery | | Necrosis | Moderate |
| [Necrosis TGLS = 3,8-14+16] | | | |
| * Nose | Olfactory Epi | Degeneration | Hyaline, Minimal |
| | Olfactory Epi | Degeneration | Minimal |
| | Glands | Dilatation | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 6-10] | | | |
| * Spleen | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 617

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43987

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-14]

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 688

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Necrosis	Marked
* Liver		Hepatodiaphragmatic Nodule	Marked
* Lung	Alveolus	Infiltration Cellular Inflammation	Histiocyte, Focal, Minimal Chronic, Focal, Mild
Note: Enlarged Macrophages [Inflammation TGLS = 3-14]			
* Nose	Olfactory Epi Olfactory Epi	Degeneration Hyperplasia Inflammation	Mild Basal Cell, Minimal Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Accessory Spleen	
[Accessory Spleen TGLS = 5-15]			
* Stomach, Forestomach		Ulcer	Moderate
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 2-3]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-10]			
Vagina		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 688

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43988

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Uterus Polyp Stromal

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Necrosis;Stomach;Forestomach Ulcer;Thyroid Gland C Cell Carcinoma;Vagina Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Eye	Lens	Cataract	Marked
[Cataract TGLS = 1-13]			
* Lung		Inflammation	Chronic, Focal, Moderate
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland		Cyst	Moderate
	Pars Distalis	Hyperplasia	Marked
[Cyst TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: Divinylbenzene

Time Report Requested: 17:20:21

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 1321-74-0

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	Moderate
		Hepatodiaphragmatic Nodule	Marked
	[Clear Cell Focus TGLS = 7,8-6]		
	[Hepatodiaphragmatic Nodule TGLS = 8-6]		
* Lung		Inflammation	Chronic, Focal, Mild
* Mammary Gland		Carcinoma	Multiple
		Fibroadenoma	Multiple
	[Carcinoma TGLS = 3,4-15+17]		
	[Fibroadenoma TGLS = 1,2-14+16]		
Mesentery		Necrosis	Moderate
	[Necrosis TGLS = 5-14]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 6-10]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43990

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
	Olfactory Epi	Hyperplasia Inflammation	Basal Cell, Minimal Suppurative, Minimal
* Pituitary Gland		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Eye	Lens	Cataract	Minimal
* Liver		Hepatodiaphragmatic Nodule	Marked
	[Hepatodiaphragmatic Nodule TGLS = 2-6]		
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery		Necrosis	Moderate
	[Necrosis TGLS = 1-14]		
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Glands	Dilatation	Minimal
		Foreign Body	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Liver		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-15]			
* Nose	Olfactory Epi	Degeneration	Minimal
* Spleen		Leukemia Mononuclear	
* Uterus		Necrosis	Marked
		Polyp Stromal	

Note: infarcted polyp in lumen

[Polyp Stromal TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Skin		Basal Cell Carcinoma	
[Basal Cell Carcinoma TGLS = 1-15]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
Note: infarcted polyp on slide 10			
[Polyp Stromal TGLS = 3-10+14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 43995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Brain		Compression	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3,4-14+15+16+17]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 329

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: Divinylbenzene

Time Report Requested: 17:20:21

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 1321-74-0

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

ANIMAL ID: 330

TRT#: 4

SEX: Female

DAY ON TEST: 561

DOSE: 100 PPM

DISP: Natural Death

HISTO: 43997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Liver		Leukemia Mononuclear	
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
* Uterus		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 2-15+16]			

PRIMARY CAUSE OF DEATH

- Uterus Sarcoma Stromal

Animal Note: TGL 3 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 331

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 43998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14+15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-16]			
* Nose	Olfactory Epi	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 332

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 703

HISTO: 43999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Brain		Compression	Moderate
		Congestion	Minimal
[Congestion TGLS = 3-1]			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 2,4-6+14]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 333

TRT#: 4

SEX: Female

DAY ON TEST: 703

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 44000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Moderate
* Liver	Portal Periportal	Bile Stasis Inflammation	Marked Chronic, Marked
[Inflammation TGLS = 2-6]			
Lymph Node	Deep Cervical	Infiltration Cellular	Histiocyte, Marked
[Infiltration Cellular TGLS = 3-15]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-14]			
* Nose	Olfactory Epi Olfactory Epi	Degeneration Degeneration Inflammation	Hyaline, Minimal Mild Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-10]			
* Salivary Glands		Inflammation	Chronic, Moderate
Skeletal Muscle		Inflammation Necrosis	Chronic, Marked Moderate
[Inflammation TGLS = 5-15]			
[Necrosis TGLS = 5-15]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 333	TRT#: 4	SEX: Female	DAY ON TEST: 703
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 44000

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 543

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 44001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Larynx | * Liver |
| * Lung | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland |
| * Ovary | * Pancreas | * Parathyroid Gland | Peritoneum |
| Pleura | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- | | | | |
|---|---------------|----------------------|---------------------|
| * Kidney | | Nephropathy | Chronic, Minimal |
| Mesentery | | Necrosis | Moderate |
| [Necrosis TGLS = 3-18] | | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Olfactory Epi | Hyperplasia | Basal Cell, Minimal |
| * Pituitary Gland | | Cyst | Mild |
| * Uterus | | Schwannoma Malignant | |
| [Schwannoma Malignant TGLS = 1,2-14+15+16+17] | | | |

PRIMARY CAUSE OF DEATH

- Uterus Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 335

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 44002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Liver		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-15]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-8]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Cervix	Sarcoma Stromal	
Note: tgl 4 appears to involve both uterus and vagina.			
[Sarcoma Stromal TGLS = 4-14]			
Vagina		Sarcoma	
[Sarcoma TGLS = 4-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 335

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 44002

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 336

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 44003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | |
|-------------------------|--------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular |
|-------------------------|--------------------------|

OBSERVATIONS

- | | | | |
|---------------------------------|---------------|-----------------------|-------------------------|
| * Kidney | | Nephropathy | Chronic, Minimal |
| * Liver | Portal | Bile Stasis | Moderate |
| * Lymph Node, Mesenteric | | Infiltration Cellular | Histiocyte, Moderate |
| Mesentery | | Necrosis | Moderate |
| [Necrosis TGLS = 1-15] | | | |
| * Nose | Olfactory Epi | Degeneration | Mild |
| | Olfactory Epi | Hyperplasia | Basal Cell, Minimal |
| * Spleen | | Fibrosis | Marked |
| | | Hyperplasia | Lymphoid, Focal, Marked |
| [Fibrosis TGLS = 3-14] | | | |
| [Hyperplasia TGLS = 2,3,4-14] | | | |

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 5 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 337

TRT#: 4

SEX: Female

DAY ON TEST: 670

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 44004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Adenoma	
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland		Cyst	Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 338

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 44005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 339

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 44006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-14+15]			
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14+15]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation Foreign Body Inflammation	Mild Minimal Mild Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 3 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 374

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 44007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Mammary Gland)
* Eye	Ciliary Body	Inflammation	Mild
* Lung		Carcinoma	Metastatic (Mammary Gland)
[Carcinoma TGLS = 4-4+5]			
Lymph Node	Pancreatic	Carcinoma	Metastatic (Mammary Gland)
[Carcinoma TGLS = 5-16]			
* Lymph Node, Mediastinal		Carcinoma	Metastatic (Mammary Gland)
[Carcinoma TGLS = 3-3]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-14+15]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Goblet Cell	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 374

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 44007

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 341

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 44008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	Mild
[Clear Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
		Hyperplasia	Basal Cell, Minimal
* Ovary		Granulosa Cell Tumor Benign	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 638

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 44009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mediastinal
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
Peritoneum	Pleura	* Salivary Glands	Skeletal Muscle
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-17]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 9-16]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4,5-17+18]			
* Nose	Olfactory Epi	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
* Skin	Subcut Tiss	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-18]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 342	TRT#: 4	SEX: Female	DAY ON TEST: 638
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 44009

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-15]

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Pituitary Gland Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 343

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 44010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Mediastinal	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-14+15]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 344

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 44011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 3-14]			
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2,4-15+16]			
* Nose	Olfactory Epi	Degeneration	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 345

TRT#: 4

SEX: Female

DAY ON TEST: 506

DOSE: 100 PPM

DISP: Accidentally Killed

HISTO: 44012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Bone [Fracture TGLS = 1-14]	Joint	Fracture	Marked
* Nose	Olfactory Epi	Degeneration	Minimal
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Bone Joint Fracture

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 44013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Liver	Portal	Bile Stasis	Marked
		Clear Cell Focus	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Marked
	[Adenoma TGLS = 3-10]		
	[Cyst TGLS = 3-10]		
* Skin		Cyst Epithelial Inclusion	Marked
	[Cyst Epithelial Inclusion TGLS = 1,2-14]		

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 4 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 347

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 44014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver [Clear Cell Focus TGLS = 4-14]		Clear Cell Focus	Mild
* Mammary Gland [Fibroadenoma TGLS = 1-15]		Fibroadenoma	
* Nose	Olfactory Epi Olfactory Epi	Degeneration Degeneration Inflammation	Minimal Hyaline, Minimal Suppurative, Minimal
* Pituitary Gland [Adenoma TGLS = 3-10]	Pars Distalis	Adenoma	
* Skin [Hyperkeratosis TGLS = 2-16]		Hyperkeratosis	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 348

TRT#: 4

SEX: Female

DAY ON TEST: 711

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 44015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Larynx		Foreign Body	Marked
		Inflammation	Suppurative, Mild
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
	[Leukemia Mononuclear TGLS = 2-6]		
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
		Galactocele	Mild
	[Fibroadenoma TGLS = 1-14]		
Mesentery		Necrosis	Moderate
	[Necrosis TGLS = 3-14]		
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 348

TRT#: 4

SEX: Female

DAY ON TEST: 711

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 44015

ORGAN AND ACCOUNTABLE SITE STATUS

Note: remnant of tumor also imbedded in brain in slide 1.

[Adenoma TGLS = 4-10]

* Spleen

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 349

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 708

HISTO: 44016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Marked
* Kidney		Nephropathy	Chronic, Mild
* Liver		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-14]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Minimal Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Stomach, Forestomach		Hyperplasia	Squamous, Focal, Marked

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 44017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-9]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-14]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 501

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Marked
[Accessory Adrenal Cortical Nodule TGLS = 4-7]			
* Eye	Lens	Cataract	Marked
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
Mesentery		Necrosis	Marked
[Necrosis TGLS = 3-14]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 502

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary
* Pancreas	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Hyperplasia	Mild
* Larynx		Foreign Body	Marked
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 2-14]			
* Lung		Foreign Body	Mild
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
		Inflammation	Chronic, Focal, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-14]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 502

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43869

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 503

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 504

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
		Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-10]		
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLS = 2-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 505

TRT#: 6

SEX: Female

DAY ON TEST: 582

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Moderate
		Hemorrhage	Marked
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Brain Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 507

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Liver		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 3-5]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 508

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Eye [Cataract TGLS = 1-13]	Lens	Cataract	Moderate
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland [Fibroadenoma TGLS = 3-15+16]		Fibroadenoma	
Mesentery [Necrosis TGLS = 6-14]		Necrosis	Moderate
* Nose	Olfactory Epi Respirat Epith Glands Olfactory Epi	Degeneration Degeneration Dilatation Hyperplasia Cyst	Mild Hyaline, Mild Minimal Basal Cell, Minimal Minimal
* Ovary [Cyst TGLS = 5-9]			
* Pituitary Gland [Adenoma TGLS = 2-10]	Pars Distalis	Adenoma	
* Uterus [Polyp Stromal TGLS = 4-14]		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 508

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43875

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 509

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 481

HISTO: 43876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,3-6+7]			
* Lung	Alveolus	Infiltration Cellular Inflammation Leukemia Mononuclear	Histiocyte, Focal, Minimal Chronic, Mild
Note: Enlarged Macrophages.			
[Leukemia Mononuclear TGLS = 4-4+5]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Olfactory Epi Olfactory Epi	Degeneration Hyperplasia	Minimal Basal Cell, Minimal
* Spleen		Leukemia Mononuclear	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 510

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
Ear	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain		Compression	Mild
* Clitoral Gland		Cyst	Marked
* Larynx		Foreign Body	Marked
		Inflammation	Suppurative, Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Carcinoma	Metastatic (Thyroid Gland)
		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 7,8-7+16]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 10-9]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 510	TRT#: 6	SEX: Female	DAY ON TEST: 715
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 43877

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-10]		
* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 5,6-14]		
* Thyroid Gland	C Cell	Carcinoma
[Carcinoma TGLS = 2-3]		
* Urinary Bladder		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 511	TRT#: 6	SEX: Female	DAY ON TEST: 733
	DOSE: 200 PPM	DISP: Terminal Sacrifice	HISTO: 43878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 2-6]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
* Pituitary Gland	Olfactory Epi Pars Distalis	Hyperplasia Adenoma	Basal Cell, Minimal
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 512

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 43879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Liver		Clear Cell Focus	Mild
[Clear Cell Focus TGLS = 2-14]			
* Lung		Inflammation	Chronic, Focal, Mild
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-7]			
* Nose	Olfactory Epi	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 513

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 726

HISTO: 43880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Hemorrhage	Moderate
* Liver		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Marked
		Leukemia Mononuclear	
[Inflammation TGLS = 4-5]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-15]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 6-15]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 513	TRT#: 6	SEX: Female	DAY ON TEST: 726
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 43880

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 2-14]		
[Leukemia Mononuclear TGLS = 1-14]		
* Stomach, Glandular	Ulcer	Marked
[Ulcer TGLS = 7-16]		

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Brain Hemorrhage;Stomach;Glandular Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 514

TRT#: 6

SEX: Female

DAY ON TEST: 654

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Marked
		Hemorrhage	Marked
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 515

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Ovary		Cyst	Marked
[Cyst TGLS = 5-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-14]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 516

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 500

HISTO: 43883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Hemorrhage	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-8+16]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-15]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5-14+15]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 517

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Mammary Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-7]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Skin		Ulcer	Marked
[Ulcer TGLS = 1-7]			
* Spleen		Leukemia Mononuclear	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 518

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 43885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mediastinal
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
Peritoneum	Pleura	* Salivary Glands	Skeletal Muscle
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Larynx		Foreign Body	Marked
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
[Carcinoma TGLS = 5-16]			
[Fibroadenoma TGLS = 1,3,6-14+15+17]			
* Nose	Olfactory Epi Glands Goblet Cell Olfactory Epi Respirat Epith	Degeneration Dilatation Hyperplasia Hyperplasia Hyperplasia Inflammation	Mild Mild Minimal Basal Cell, Minimal Moderate Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Uterus	Myometrium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 518

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43885

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 519

TRT#: 6

SEX: Female

DAY ON TEST: 374

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Astrocytoma Malignant	
[Astrocytoma Malignant TGLS = 2-1]			
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mediastinal		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-3]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Moderate
Tooth	Peridont Tiss	Inflammation	Marked
	Pulp	Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

- Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 520

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 722

HISTO: 43887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian 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, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	* Pituitary Gland	Pleura
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-14+15]			
* Heart	Atrium	Thrombosis	Marked
* Liver		Necrosis	Moderate
[Necrosis TGLS = 7-6]			
Lymph Node	Pancreatic	Pigmentation	Marked
[Pigmentation TGLS = 4-6]			
* Lymph Node, Mediastinal		Fibrosis	Moderate
[Fibrosis TGLS = 3-3]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
		Hyperplasia	Basal Cell, Mild
* Ovary		Cyst	Marked
* Spleen		Inflammation	Chronic Active, Moderate
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 9-16]			
Tongue	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 520	TRT#: 6	SEX: Female	DAY ON TEST: 722
	DOSE: 200 PPM	DISP: Natural Death	HISTO: 43887

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 8-7]		
* Uterus	Hemorrhage	Marked
[Hemorrhage TGLS = 5-10]		

PRIMARY CAUSE OF DEATH	- Clitoral Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Liver Necrosis;Uterus Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 521

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 711

HISTO: 43888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Ovary	* Pancreas	Peripheral Nerve	Peritoneum
Pleura	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hepatocellular Carcinoma	
		Hyperplasia	Marked
		Leukemia Mononuclear	
		[Hepatocellular Carcinoma TGLS = 6,7,8-6+17+18+19]	
		[Leukemia Mononuclear TGLS = 6-6]	
* Lung		Carcinoma	Metastatic (Liver)
		[Carcinoma TGLS = 2-4+5+14]	
* Mammary Gland		Fibroadenoma	
		[Fibroadenoma TGLS = 1-16]	
Mesentery		Carcinoma	Metastatic (Liver)
		Note: metastatic hepatoca also present in peritoneum on slide 9; apparently either was mistaken for ovary or invaded ovary.	
		[Carcinoma TGLS = 8-19]	
* Nose	Olfactory Epi	Degeneration	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 3-10]	
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 521	TRT#: 6	SEX: Female	DAY ON TEST: 711
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 43888

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4,5-6+15]

* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma			
CONTRIBUTORY CAUSE OF DEATH	- Lung	Carcinoma	Liver;Pituitary Gland	Pars Distalis	Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 522

TRT#: 6

SEX: Female

DAY ON TEST: 666

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Larynx |
| * Lymph Node, Mediastinal | * Ovary | * Pancreas | * Parathyroid Gland |
| Peritoneum | Pleura | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|--------------------------------------|-------------------------|-----------------------|-----------------------|
| * Liver | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 5-6] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Bronchial | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 1-4] | | | |
| * Lymph Node, Mesenteric | | Infiltration Cellular | Histiocyte, Marked |
| * Mammary Gland | | Fibroadenoma | |
| [Fibroadenoma TGLS = 6-15+16] | | | |
| * Nose | Olfactory Epi
Glands | Degeneration | Minimal |
| | Nasopharyn Dct | Dilatation | Minimal |
| | Pars Distalis | Inflammation | Suppurative, Moderate |
| * Pituitary Gland | | Adenoma | |
| [Adenoma TGLS = 2-10] | | | |
| * Spleen | | Hemorrhage | Marked |
| [Hemorrhage TGLS = 4-14] | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 3-14] | | | |

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 522

TRT#: 6

SEX: Female

DAY ON TEST: 666

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43889

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 523

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,6-7+15+16]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-14]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 5-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 524

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	Marked
		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-6+15]		
* Lung		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-17]		
* Lymph Node, Bronchial		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-3+14]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-18]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 524

TRT#: 6
DOSE: 200 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 43891

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland
[Adenoma TGLS = 2-10]

Pars Distalis

Adenoma

* Spleen
[Leukemia Mononuclear TGLS = 4,5,8-16+18]

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 525

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
Note: Enlarged Macrophages. [Infiltration Cellular TGLS = 2-5]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
	Olfactory Epi Nasolacrim Dct	Hyperplasia Inflammation	Basal Cell, Minimal Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 526

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi Pars Distalis	Dilatation	Minimal
* Pituitary Gland		Hyperplasia	Basal Cell, Minimal
[Adenoma TGLS = 1-10]		Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
Tongue	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 527

TRT#: 6

SEX: Female

DAY ON TEST: 497

DOSE: 200 PPM

DISP: Natural Death

HISTO: 43894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Adrenal Medulla [Pheochromocytoma Malignant TGLS = 3-14]		Pheochromocytoma Malignant	
* Lung Note: step sections, still ncl on tgl 4, slide 14.		Hemorrhage	Mild
Mesentery [Necrosis TGLS = 2-14]		Necrosis	Moderate
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
* Pituitary Gland [Adenoma TGLS = 1-10]	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 528

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 4-4]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-14+15]			
* Nose	Olfactory Epi Glands	Degeneration	Moderate
	Olfactory Epi	Dilatation	Mild
* Ovary		Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 3-10]		Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 529

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus	
-------------------------	--------------------------	----------	--

OBSERVATIONS

* Brain		Compression	Mild
* Liver	Serosa	Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 5-14]			
[Leukemia Mononuclear TGLS = 8-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
[Carcinoma TGLS = 2-16]			
[Fibroadenoma TGLS = 1,3-7+15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 7-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-10]			
* Spleen		Leukemia Mononuclear	
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 529

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43896

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 6-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 530

TRT#: 6

SEX: Female

DAY ON TEST: 586

DOSE: 200 PPM

DISP: Natural Death

HISTO: 43897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Heart	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Larynx	* Nose	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Pituitary Gland	Pars Distalis	Adenoma
[Adenoma TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 531

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	Peritoneum	Pleura	* Salivary Glands
Skeletal Muscle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Marked
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1,4-16+17+19]			
[Hyperplasia TGLS = 5-15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-18]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 531

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43898

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 532

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	Peripheral Nerve	Peritoneum
Pleura	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Thymus
-------------------------	----------

OBSERVATIONS

* Bone	Tibia	Fracture	Marked
[Fracture TGLS = 1-14]			
* Brain		Compression	Moderate
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 6-16]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-16]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 4-9]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 532

TRT#: 6
DOSE: 200 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 43899

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Accessory Spleen
Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 533

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

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

OBSERVATIONS

* Liver [Hepatodiaphragmatic Nodule TGLS = 2-6]		Hepatodiaphragmatic Nodule	Marked
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland [Fibroadenoma TGLS = 3-7]		Fibroadenoma	
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland [Adenoma TGLS = 1-10]	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:21

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 534

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Eye	Lens	Cataract	Marked
	Antr Chamber	Hemorrhage	Marked
	[Cataract TGLS = 1-13]		
	[Hemorrhage TGLS = 1-13]		
* Kidney		Nephropathy	Chronic, Marked
	[Nephropathy TGLS = 3-7]		
* Liver		Hepatodiaphragmatic Nodule	Minimal
	[Hepatodiaphragmatic Nodule TGLS = 2-7]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:21
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 535

TRT#: 6

SEX: Female

DAY ON TEST: 712

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 9-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5,6,10-6+7+14]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-8]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-17]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 8-16]			
* Nose	Olfactory Epi	Degeneration	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 535	TRT#: 6	SEX: Female	DAY ON TEST: 712
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 43902

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-15]	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Brain Hemorrhage;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 536

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 43903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-6+18]	Regeneration	Marked
	[Regeneration TGLS = 6-6+18]		
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-8]		
Mesentery		Necrosis	Marked
	[Necrosis TGLS = 2-15+16]		
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-10]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 536	TRT#: 6	SEX: Female	DAY ON TEST: 733
	DOSE: 200 PPM	DISP: Terminal Sacrifice	HISTO: 43903

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Lipoma TGLS = 5-17]	Subcut Tiss	Lipoma	
* Spleen [Fibrosis TGLS = 4-14] [Leukemia Mononuclear TGLS = 3-14]		Fibrosis Leukemia Mononuclear	Moderate
* Uterus [Hyperplasia TGLS = 8-10]	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 537

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Atrium	Thrombosis	Marked
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Cyst	Marked
[Cyst TGLS = 3-14]		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-15]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-17]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
		Foreign Body	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 537	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 200 PPM	DISP: Terminal Sacrifice	HISTO: 43904

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLS = 6-10]	Pars Distalis	Inflammation Adenoma	Suppurative, Minimal
* Spleen [Fibrosis TGLS = 8-16] [Leukemia Mononuclear TGLS = 4-15]		Fibrosis Leukemia Mononuclear	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 538

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Clitoral Gland		Inflammation	Chronic, Moderate
* Mammary Gland		Carcinoma	Multiple
[Carcinoma TGLS = 1,3-14+15]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Thymus		Thymoma Malignant	
[Thymoma Malignant TGLS = 4-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 539

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-9]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 540

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Moderate
* Eye		Atrophy	Marked
[Atrophy TGLS = 4-13]			
* Liver	Portal	Bile Stasis	Moderate
[Clear Cell Focus TGLS = 7-14]		Clear Cell Focus	
* Lung		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 2,3-4+5]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-16]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 6-15]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 540

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43907

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 541

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Mammary Gland [Fibroadenoma TGLS = 1-14]		Fibroadenoma	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland [Adenoma TGLS = 2-10]	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 542

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-7]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 543

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 43910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 544

TRT#: 6

SEX: Female

DAY ON TEST: 673

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
Peritoneum	Pleura	* Salivary Glands	Skeletal Muscle
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	Marked
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 3-14]		
	[Leukemia Mononuclear TGLS = 1,2-6]		
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Lymph Node	Pancreatic		
	[Leukemia Mononuclear TGLS = 6-17]		
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 7-16]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 544

TRT#: 6

SEX: Female

DAY ON TEST: 673

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43911

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-10]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 4-15]

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 545

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Clear Cell Focus	Minimal
* Lung		Inflammation	Chronic, Focal, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-15]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-7]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 546

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 704

HISTO: 43913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Hemorrhage	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-16]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-14]			
* Stomach, Forestomach		Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 546	TRT#: 6	SEX: Female	DAY ON TEST: 704
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 43913

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 6-15]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Ulcer		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 547

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Mammary Gland	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 1-15]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
		Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 3-14]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Hyperplasia	Squamous, Focal, Moderate
[Hyperplasia TGLS = 4-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 547

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43914

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: Divinylbenzene

Time Report Requested: 17:20:22

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 1321-74-0

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

ANIMAL ID: 548

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 43915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Cyst	Marked
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-7]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Marked
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 548	TRT#: 6	SEX: Female	DAY ON TEST: 732
	DOSE: 200 PPM	DISP: Terminal Sacrifice	HISTO: 43915

ORGAN AND ACCOUNTABLE SITE STATUS

Tongue [Hyperplasia TGLS = 1-14]	Epithelium	Hyperplasia	Mild
---------------------------------------	------------	-------------	------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 549

TRT#: 6

SEX: Female

DAY ON TEST: 493

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Brain		Infarct	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-8]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,2-14]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 550

TRT#: 6

SEX: Female

DAY ON TEST: 614

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 43917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Eye [Cataract TGLS = 1-13]	Lens	Cataract	Marked
* Nose	Olfactory Epi Olfactory Epi Glands Olfactory Epi	Degeneration Degeneration Dilatation Hyperplasia Cyst	Hyaline, Minimal Mild Minimal Basal Cell, Mild Marked
* Ovary [Cyst TGLS = 3-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Urinary Bladder [Carcinoma TGLS = 4-14]	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH

- Urinary Bladder Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 701

TRT#: 8

SEX: Female

DAY ON TEST: 529

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Lymph Node, Mesenteric |
| * Mammary Gland | * Ovary | * Pancreas | * Parathyroid Gland |
| Peritoneum | Pleura | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

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

OBSERVATIONS

- | | | | |
|---|---------------|---------------------------|------------------|
| * Brain | | Compression | Moderate |
| * Liver | | Vacuolization Cytoplasmic | Mild |
| [Vacuolization Cytoplasmic TGLS = 4,5,6-14+15+16] | | | |
| * Lung | Interstitium | Fibrosis | Minimal |
| * Nose | Olfactory Epi | Degeneration | Mild |
| | Glands | Dilatation | Mild |
| | Olfactory Epi | Hyperplasia | Basal Cell, Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 3-10] | | | |

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 702

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Larynx |
| * Lymph Node, Mesenteric | * Ovary | * Pancreas | * Parathyroid Gland |
| Peritoneum | Pleura | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

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

OBSERVATIONS

- | | | | |
|-------------------------------------|--------------------------------|----------------------------|------------------|
| * Liver | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 4-6] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Bronchial | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 1-4] | | | |
| * Mammary Gland | | Fibroadenoma | |
| [Fibroadenoma TGLS = 5-7] | | | |
| * Nose | Olfactory Epi
Glands | Degeneration
Dilatation | Mild
Minimal |
| | Olfactory Epi
Pars Distalis | Hyperplasia
Adenoma | Basal Cell, Mild |
| * Pituitary Gland | | | |
| [Adenoma TGLS = 2-10] | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Uterus | | Polyp Stromal | |
| [Polyp Stromal TGLS = 3-10] | | | |

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 703

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 535

HISTO: 43770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Islets, Pancreatic [Carcinoma TGLS = 3-15]		Carcinoma	
* Liver [Leukemia Mononuclear TGLS = 2-6]		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
* Nose	Olfactory Epi Glands	Degeneration	Minimal
	Olfactory Epi	Dilatation	Mild
* Pancreas	Acinus	Hyperplasia	Basal Cell, Mild
* Spleen [Leukemia Mononuclear TGLS = 1-14]		Atrophy	Moderate
		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 704

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Mild
		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-7]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Mild
		Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 705

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	Lacrimal Gland	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 4-14]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		Inflammation	Chronic, Focal, Mild
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 3-14]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 706

TRT#: 8

SEX: Female

DAY ON TEST: 551

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mediastinal	* Mammary Gland	* Ovary	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	Vagina

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney	Medulla, Renal Tubule	Degeneration	Moderate
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Pigmentation	Marked
* Nose	Olfactory Epi Glands	Degeneration	Minimal
	Olfactory Epi	Dilatation	Minimal
* Pancreas	Acinus	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Atrophy	Moderate
	[Adenoma TGLS = 2-10]	Adenoma	
* Stomach, Forestomach		Ulcer	Marked
Vagina			

Note: Multiple step sections, re-exam of wet tissue, no vaginal lesion found. rar

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Stomach;Forestomach Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 707

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Minimal
	Goblet Cell	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
Tongue		Squamous Cell Papilloma	

[Squamous Cell Papilloma TGLS = 1-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 708

TRT#: 8

SEX: Female

DAY ON TEST: 626

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Brain		Leukemia Mononuclear	
* Liver		Hepatodiaphragmatic Nodule	Marked
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 2-15]		
	[Leukemia Mononuclear TGLS = 3-6]		
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-14]		

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 709

TRT#: 8

SEX: Female

DAY ON TEST: 613

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|--------------------------------------|---------------|----------------------|----------------------|
| * Liver | | Leukemia Mononuclear | |
| * Lung | | Inflammation | Chronic, Focal, Mild |
| | | Leukemia Mononuclear | |
| * Lymph Node, Bronchial | | Leukemia Mononuclear | |
| * Lymph Node, Mediastinal | | Leukemia Mononuclear | |
| Mesentery | | Necrosis | Moderate |
| [Necrosis TGLS = 2-14] | | | |
| * Nose | Olfactory Epi | Degeneration | Mild |
| | Glands | Dilatation | Minimal |
| | Olfactory Epi | Hyperplasia | Basal Cell, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 1-15] | | | |

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 710

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Lung [Inflammation TGLS = 2-5]		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Minimal Mild
* Pituitary Gland [Adenoma TGLS = 1-10]	Olfactory Epi Pars Distalis	Hyperplasia Adenoma	Basal Cell, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 711

TRT#: 8

SEX: Female

DAY ON TEST: 653

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Liver		Hepatodiaphragmatic Nodule	Marked
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 5-15]		
	[Leukemia Mononuclear TGLS = 4-6]		
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Lymph Node	Pancreatic		
	[Leukemia Mononuclear TGLS = 3-14]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-10]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-14]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 711

TRT#: 8

SEX: Female

DAY ON TEST: 653

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43778

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 712

TRT#: 8

SEX: Female

DAY ON TEST: 523

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Liver		Hepatodiaphragmatic Nodule	Marked
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 4,5-16+17]		
	[Leukemia Mononuclear TGLS = 3-6]		
* Lung	Alveolar Epith	Hypertrophy	Mild
		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-15]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-14]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 712

TRT#: 8

SEX: Female

DAY ON TEST: 523

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43779

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 713

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 626

HISTO: 43780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Deep Cervical	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-14]		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-15]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland		Cyst	Marked
[Cyst TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 713

TRT#: 8

SEX: Female

DAY ON TEST: 626

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43780

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 714

TRT#: 8

SEX: Female

DAY ON TEST: 712

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 4-6]			
[Vacuolization Cytoplasmic TGLS = 4,6-6+14]			
* Lung		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 5-5]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,3-14+15]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 715

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
* Pituitary Gland	Olfactory Epi Pars Distalis	Hyperplasia Adenoma	Basal Cell, Mild

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 716

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 600

HISTO: 43783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Marked
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 3-15]			
* Lung		Inflammation	Chronic, Focal, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi Pars Distalis	Dilatation	Mild
* Pituitary Gland		Hyperplasia	Basal Cell, Mild
[Adenoma TGLS = 2-10]		Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 717

TRT#: 8

SEX: Female

DAY ON TEST: 589

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-7]			
* Heart		Cardiomyopathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 5-5]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi Pars Distalis	Dilatation	Minimal
* Pituitary Gland		Hyperplasia	Basal Cell, Mild
* Uterus		Adenoma	
[Polyp Stromal TGLS = 6-10]		Polyp Stromal	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 718

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
Peripheral Nerve	Peritoneum	Pleura	* Salivary Glands
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Nose	Olfactory Epi Glands	Degeneration	Moderate
	Olfactory Epi	Dilatation	Minimal
	Acinus	Hyperplasia	Basal Cell, Mild
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 719

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 653

HISTO: 43786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Thymus
--------------------------	----------

OBSERVATIONS

* Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 3-1]			
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4+5]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-15]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-16]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-8]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
	Goblet Cell	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 719	TRT#: 8	SEX: Female	DAY ON TEST: 653
	DOSE: 400 PPM	DISP: Moribund Sacrifice	HISTO: 43786

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 5-14]	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Brain Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 720

TRT#: 8

SEX: Female

DAY ON TEST: 684

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus	Bilateral	Polyp Stromal	
	[Polyp Stromal TGLS = 3,4-14+10]		
Vagina	Muscularis	Hypertrophy	Marked
	[Hypertrophy TGLS = 6-7]		

PRIMARY CAUSE OF DEATH

- Uterus Bilateral Polyp Stromal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 721

TRT#: 8

SEX: Female

DAY ON TEST: 151

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Heart [Infiltration Cellular TGLS = 3-14]	Pericardium	Infiltration Cellular	Lymphoid, Moderate
* Lung Pleura [Infiltration Cellular TGLS = 2-4+5]		Hemorrhage Inflammation Infiltration Cellular	Moderate Chronic, Diffuse, Mild Lymphoid, Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Heart Pericardium Infiltration Cellular

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 722

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Moderate Mild
* Ovary	Olfactory Epi	Hyperplasia Cyst	Basal Cell, Mild Marked
[Cyst TGLS = 2-14]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-10]			
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 723

TRT#: 8

SEX: Female

DAY ON TEST: 563

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Liver		Hepatodiaphragmatic Nodule Leukemia Mononuclear	Marked
	[Hepatodiaphragmatic Nodule TGLS = 5-14]		
	[Leukemia Mononuclear TGLS = 4-6]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4+5]		
* Lymph Node, Mediastinal		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-3]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-16+17]		
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-14]		
* Thyroid Gland	C Cell	Adenoma	
Tongue	Epithelium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 723

TRT#: 8

SEX: Female

DAY ON TEST: 563

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43790

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 6-15]

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 724

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Nose	Olfactory Epi Glands Olfactory Epi	Degeneration Dilatation Hyperplasia Inflammation	Moderate Mild Basal Cell, Mild Suppurative, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 725

TRT#: 8

SEX: Female

DAY ON TEST: 708

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Brain		Compression	Moderate
* Clitoral Gland		Hyperplasia	Marked
* Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
	[Nephropathy TGLS = 8-7]		
* Liver		Hepatodiaphragmatic Nodule	Marked
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 10,11-15+16]		
	[Leukemia Mononuclear TGLS = 9-6]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
	Note: Enlarged Macrophages.		
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-18]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLS = 1,4,5,6-17+18+19+20+21]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 725

TRT#: 8

SEX: Female

DAY ON TEST: 708

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43792

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi Glands Goblet Cell Olfactory Epi	Degeneration Dilatation Hyperplasia Hyperplasia Inflammation Adenoma	Moderate Mild Mild Basal Cell, Mild Suppurative, Minimal
* Pituitary Gland [Adenoma TGLS = 3-10]	Pars Distalis		
* Spleen [Fibrosis TGLS = 7-14] [Leukemia Mononuclear TGLS = 12-14]		Fibrosis Leukemia Mononuclear	Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 726

TRT#: 8

SEX: Female

DAY ON TEST: 586

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Moderate
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 2-5]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
	Olfactory Epi Pars Distalis	Hyperplasia Adenoma	Basal Cell, Minimal
* Pituitary Gland			
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 727

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
		Inflammation	Chronic, Focal, Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 4-5]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-14]		
Mesentery		Necrosis	Moderate
	[Necrosis TGLS = 2-14]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Uterus		Carcinoma	
	[Carcinoma TGLS = 3-15]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 728

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	Peritoneum	Pleura
* Salivary Glands	Skeletal Muscle	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-15+16]			
* Nose	Olfactory Epi Glands	Degeneration	Moderate
	Goblet Cell	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Mild
		Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 729

TRT#: 8

SEX: Female

DAY ON TEST: 617

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
* Pituitary Gland	Olfactory Epi Pars Distalis	Hyperplasia Hyperplasia	Basal Cell, Minimal Mild
* Uterus	Endometrium	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	

[Carcinoma TGLS = 2-14+15]

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 730

TRT#: 8

SEX: Female

DAY ON TEST: 600

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Liver	Portal Periportal	Bile Stasis Inflammation	Moderate Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands Olfactory Epi	Degeneration Dilatation Hyperplasia Inflammation	Minimal Minimal Basal Cell, Minimal Suppurative, Mild
* Trachea	Glands	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 731

TRT#: 8

SEX: Female

DAY ON TEST: 708

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
-------------------------	--------------------------	----------

OBSERVATIONS

* Liver		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
[Infiltration Cellular TGLS = 4-5]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-14]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Mild
* Spleen		Adenoma	
[Leukemia Mononuclear TGLS = 3-15]		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 732

TRT#: 8

SEX: Female

DAY ON TEST: 516

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Larynx | * Mammary Gland |
| * Ovary | * Pancreas | * Parathyroid Gland | Peritoneum |
| * Pituitary Gland | Pleura | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- | | | |
|-------------------------|--------------------------|----------|
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Thymus |
|-------------------------|--------------------------|----------|

OBSERVATIONS

- | | | | |
|--|---------------|------------------------------------|---------------------|
| * Kidney
[Infarct TGLS = 4-16] | Cortex | Infarct | Minimal |
| * Liver
[Leukemia Mononuclear TGLS = 3-6] | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mediastinal | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Olfactory Epi | Hyperplasia | Basal Cell, Minimal |
| * Spleen
[Hemorrhage TGLS = 2-15]
[Leukemia Mononuclear TGLS = 1-14] | | Hemorrhage
Leukemia Mononuclear | Marked |

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Spleen Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 733

TRT#: 8

SEX: Female

DAY ON TEST: 586

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

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

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 5-5]			
* Lymph Node, Bronchial		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 3-14]			
* Nose	Olfactory Epi	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 734

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mediastinal	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Moderate
[Cardiomyopathy TGLS = 3-16]			
* Kidney	Cortex, Renal Tubule	Accumulation, Hyaline Droplet	Marked
[Degeneration TGLS = 8,9-7+16]	Bilateral, Cortex, Renal Tubule	Degeneration	Marked
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-17]			
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 734

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43801

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 5-14]

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 6 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 735

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peripheral Nerve
Peritoneum	Pleura	* Salivary Glands	Skeletal Muscle
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Carcinoma	
[Carcinoma TGLS = 2-15]			
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Periportal	Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration	Moderate
	Olfactory Epi	Dilatation	Mild
		Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 736

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* 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	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Brain		Compression	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Minimal
[Adenoma TGLS = 1-10]		Adenoma	
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 737

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone	Femur	Osteosarcoma	
[Osteosarcoma TGLS = 9-14+15+16]			
* Eye	Lens	Cataract	Marked
[Cataract TGLS = 2-13]			
* Kidney	Cortex	Infarct	Moderate
[Osteosarcoma TGLS = 8-7]		Osteosarcoma	Metastatic (Bone)
* Liver		Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Moderate
[Osteosarcoma TGLS = 5,6-4+5+17]		Osteosarcoma	Metastatic (Bone)
* Nose	Respirat Epith	Adenoma	
	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 737

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43804

ORGAN AND ACCOUNTABLE SITE STATUS

Pleura
[Osteosarcoma TGLS = 4,7-18+19+20]

Osteosarcoma

Metastatic (Bone)

* Spleen

Leukemia Mononuclear

* Thymus

Cyst

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 738

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
Peritoneum	Pleura	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	Marked
	[Hepatodiaphragmatic Nodule TGLS = 4-14]		
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLS = 1,3-14+15+16+17]		
* Nose	Olfactory Epi	Degeneration	Mild
	Note: olfact degen much more noticeable in median septum of xs3.		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-10]		
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 739

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 656

HISTO: 43806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
Pleura	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear Pheochromocytoma Benign Leukemia Mononuclear	
* Liver			
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Inflammation Leukemia Mononuclear	Chronic, Focal, Mild
[Leukemia Mononuclear TGLS = 2-4+5]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-15]			
* Nose	Olfactory Epi Olfactory Epi	Degeneration Hyperplasia	Mild Basal Cell, Minimal
* Pituitary Gland		Cyst	Mild
[Cyst TGLS = 5-10]	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 739

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43806

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 7-14]		Leukemia Mononuclear	
* Thyroid Gland Tongue [Hyperplasia TGLS = 1-15]	C Cell Epithelium	Adenoma Hyperplasia	Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 740

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Mild
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi Pars Distalis	Dilatation	Mild
* Pituitary Gland		Hyperplasia	Basal Cell, Mild
[Adenoma TGLS = 1-10]		Adenoma	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 741

TRT#: 8

SEX: Female

DAY ON TEST: 535

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peritoneum	Pleura	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Brain		Compression	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Focal, Minimal
Note: Enlarged Macrophages.			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
	Pars Distalis	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland		Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 742

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 43809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 2-9]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Minimal
* Pituitary Gland	Olfactory Epi Pars Distalis	Hyperplasia Adenoma	Basal Cell, Mild
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 743

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-7]			
* Liver		Hepatodiaphragmatic Nodule	Marked
[Hepatodiaphragmatic Nodule TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi Glands	Degeneration	Moderate
	Olfactory Epi	Dilatation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Basal Cell, Mild
[Adenoma TGLS = 3-10]		Adenoma	
* Skin		Cyst Epithelial Inclusion	Marked
		Inflammation	Granulomatous, Marked
[Cyst Epithelial Inclusion TGLS = 1-16]			
[Inflammation TGLS = 2-14+15]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-14+15]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 743

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43810

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 744

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-15+16+17]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi Pars Distalis	Dilatation	Mild
* Pituitary Gland		Hyperplasia	Basal Cell, Mild
[Adenoma TGLS = 1-10]		Adenoma	
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 745

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 2-5]			
Lymph Node	Deep Cervical	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-14]			
Mesentery		Necrosis	Moderate
[Necrosis TGLS = 4-14]			
* Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Minimal
	Acinus	Hyperplasia	Basal Cell, Mild
* Pancreas	Pars Distalis	Atrophy	Mild
* Pituitary Gland		Adenoma	
[Adenoma TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 746

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 525

HISTO: 43813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peritoneum
* Pituitary Gland	Pleura	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular
--------------------------	----------------------------	------------------------	----------------------

OBSERVATIONS

* Brain		Hemorrhage	Moderate
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-14]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Spleen		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 3-14]			
[Leukemia Mononuclear TGLS = 2-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene
CAS Number: 1321-74-0

Date Report Requested: 10/21/2014
Time Report Requested: 17:20:22
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 746

TRT#: 8
DOSE: 400 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 525
HISTO: 43813

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Spleen	Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 747

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 43814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
* Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 748

TRT#: 8

SEX: Female

DAY ON TEST: 631

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 43815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
-------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Liver		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 2-5]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Pituitary Gland		Cyst	Marked
	Pars Distalis	Hematocyst	Marked
[Cyst TGLS = 3-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-14]			

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 749

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 540

HISTO: 43816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Urinary Bladder		

OBSERVATIONS

* Brain	Hemorrhage	Marked
[Hemorrhage TGLS = 1-1]		
* Liver	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]		
* Lung	Leukemia Mononuclear	
* Lymph Node, Mediastinal	Leukemia Mononuclear	
* Pituitary Gland	Cyst	Mild
[Cyst TGLS = 2-10]		
* Spleen	Leukemia Mononuclear	
	Necrosis	Marked
[Leukemia Mononuclear TGLS = 4-14]		
[Necrosis TGLS = 7-14]		
* Stomach, Glandular	Erosion	Mild
[Erosion TGLS = 8-15]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Brain Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88004-05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Divinylbenzene

CAS Number: 1321-74-0

Date Report Requested: 10/21/2014

Time Report Requested: 17:20:22

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 750

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 43817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	Peritoneum	Pleura
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Thymus
-------------------------	--------------------------	---------------------------	----------

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-9+14]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE