

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:15
First Dose M/F: NA / NA
Lab: BNW

C Number:	C96011
Lock Date:	12/30/2003
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	03/08/2006

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:15

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-11]			
* Kidney	Renal Tubule	Cyst	
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-12]			
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 2	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 551 HISTO: 46718
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Eye	Cataract	Marked
* Harderian Gland	Carcinoma	
[Carcinoma TGLS = 1-11]		
* Kidney	Metaplasia	Osseous, Minimal
* Liver	Basophilic Focus	
[Hepatocellular Adenoma TGLS = 3-12]	Hepatocellular Adenoma	
* Lung	Carcinoma	Metastatic (Harderian Gland)

PRIMARY CAUSE OF DEATH	- Harderian Gland Carcinoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Kidney	Nephropathy	Minimal
Tooth	Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 687

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 46720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Harderian Gland	* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-12]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-4]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
	Hypertrophy	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-5+12]	
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
Tooth	Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	

[Hepatocellular Adenoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 622

DOSE: CONTROL

DISP: Natural Death

HISTO: 46723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * 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, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | |
|-----------------|----------|
| * Mammary Gland | * Thymus |
|-----------------|----------|

AUTO PRECLUDES DIAG.

- * Gallbladder

OBSERVATIONS

- | | | |
|------------------|------------------------|---------|
| * Adrenal Cortex | Hyperplasia | Mild |
| | Hypertrophy | Mild |
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Nephropathy | Minimal |
| * Liver | Hepatocellular Adenoma | |

[Hepatocellular Adenoma TGLS = 1-5]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 46724
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2,3-5+13+14]			
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

* Adrenal Cortex	Hypertrophy	Mild
* Gallbladder	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hemangioma	
	Hepatocellular Adenoma	
[Hemangioma TGLS = 1-5]		
[Hepatocellular Adenoma TGLS = 2-12]		
* Lung	Alveolar/Bronchiolar Adenoma	
Tooth	Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 667

DOSE: CONTROL

DISP: Natural Death

HISTO: 46726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla

* Epididymis

* Heart

* Intestine Small, Duodenum

* Larynx

* Lymph Node, Mesenteric

* Pituitary Gland

* Seminal Vesicle

* Stomach, Glandular

* Trachea

* Bone

* Esophagus

* Intestine Large, Cecum

* Intestine Small, Ileum

* Lymph Node, Bronchial

* Nose

* Preputial Gland

* Skin

* Testes

* Urinary Bladder

* Bone Marrow

* Eye

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lymph Node, Mandibular

* Pancreas

* Prostate

* Spleen

* Thymus

* Brain

* Harderian Gland

* Intestine Large, Rectum

* Islets, Pancreatic

* Lymph Node, Mediastinal

* Parathyroid Gland

* Salivary Glands

* Stomach, Forestomach

* Thyroid Gland

MISSING

* Gallbladder

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex

* Kidney

* Liver

[Hepatocellular Carcinoma TGLS = 1-5+6+12]

* Lung

Hyperplasia

Nephropathy

Hepatocellular Carcinoma

Alveolar/Bronchiolar Adenoma

Mild

Mild

Multiple

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla

* Epididymis

* Heart

* Intestine Small, Duodenum

* Larynx

* Preputial Gland

* Stomach, Forestomach

* Trachea

* Bone

* Esophagus

* Intestine Large, Cecum

* Intestine Small, Ileum

* Nose

* Prostate

* Stomach, Glandular

* Urinary Bladder

* Bone Marrow

* Eye

* Intestine Large, Colon

* Intestine Small, Jejunum

* Pancreas

* Seminal Vesicle

* Testes

* Brain

* Harderian Gland

* Intestine Large, Rectum

* Islets, Pancreatic

* Pituitary Gland

* Skin

* Thyroid Gland

MISSING

* Lymph Node, Mandibular

* Mammary Gland

* Parathyroid Gland

* Salivary Glands

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex

* Kidney

* Liver

Hypertrophy

Nephropathy

Clear Cell Focus

Hepatocellular Adenoma

Minimal

Mild

Multiple

[Clear Cell Focus TGLS = 2-3]

[Hepatocellular Adenoma TGLS = 1-5+12]

* Lung

[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]

Alveolar/Bronchiolar Carcinoma

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Lymph Node, Mesenteric

* Spleen

* Thymus

Lymphoma Malignant

Lymphoma Malignant

Lymphoma Malignant

Lymphoma Malignant

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

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: 46728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-5]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Preputial Gland	Inflammation	Chronic Active, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

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: 46729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Kidney	Nephropathy	Mild
* Liver	Basophilic Focus	
	Clear Cell Focus	
	Hepatocellular Adenoma	

[Hepatocellular Adenoma TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

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: 46730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex	Hypertrophy	Mild
* Harderian Gland	Adenoma	
[Adenoma TGLS = 2-11]		
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Clear Cell Focus	
* Lung	Alveolar/Bronchiolar Adenoma	
Tooth	Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-11]			
* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney		Infarct	Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 3-5]			
[Hepatocellular Adenoma TGLS = 4-6]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 659

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 46732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Prostate
* Spleen
* Thymus

* Bone
* Esophagus
* Heart
* Intestine Small, Duodenum
* Larynx
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Eye
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Bronchial
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Brain
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mediastinal
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

MISSING

* Lymph Node, Mandibular

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex

* Kidney
* Liver

Hyperplasia
Hypertrophy
Nephropathy
Clear Cell Focus
Hepatoblastoma

Mild
Mild
Minimal

[Hepatoblastoma TGLS = 4-6]

* Lung

Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma

[Alveolar/Bronchiolar Adenoma TGLS = 3-4]

[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]

* Nose

Olfactory Epi

Atrophy
Inflammation
Polyp, Inflammatory

Minimal
Suppurative, Mild

Note: LIKELY SECONDARY TO POLYP AND INFLAMMATION

Tooth

Malformation

Marked

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3, 4-5]			
[Mixed Cell Focus TGLS = 2-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 2-5]		
[Hepatocellular Adenoma TGLS = 1-12]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mandibular
- * Pancreas
- * Prostate
- * Spleen
- * Thymus

- * Adrenal Medulla
- * Epididymis
- * Heart
- * Intestine Small, Duodenum
- * Larynx
- * Lymph Node, Mediastinal
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Bone Marrow
- * Eye
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Bronchial
- * Nose
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

- * Harderian Gland

Adenoma
Carcinoma

[Adenoma TGLS = 4-11]
[Carcinoma TGLS = 4-11]

- * Kidney
- * Liver

Nephropathy
Basophilic Focus
Clear Cell Focus
Eosinophilic Focus
Hepatocellular Adenoma
Hepatocellular Carcinoma

Minimal

[Basophilic Focus TGLS = 1-13]
[Eosinophilic Focus TGLS = 2-5]
[Hepatocellular Adenoma TGLS = 1-5]
[Hepatocellular Carcinoma TGLS = 3-12]

Tooth

Malformation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

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: 46736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 6-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-5+6]			
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Minimal
Mesentery	Fat	Necrosis	Mild
		Thrombosis	Mild
[Necrosis TGLS = 2-12]			
[Thrombosis TGLS = 5-7]			
* Skin		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Intestine Small, Ileum	Peyers Patch	Inflammation	Acute, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-5+12+13]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 3-6]			
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Moderate
	Hypertrophy	Minimal
* Harderian Gland	Inflammation	Chronic, Mild
[Inflammation TGLS = 2-11]		
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
	Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 5-5]		
[Mixed Cell Focus TGLS = 4-13]		
* Testes	Atrophy	Moderate
Tongue	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-5]		
Tooth	Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hypertrophy	Mild
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 3, 4-5]		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,4-5]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

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: 46740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-5]			
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Nose	Olfactory Epi Glands, Olfactory Epi	Atrophy Hyperplasia	Minimal Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 583

DOSE: CONTROL

DISP: Natural Death

HISTO: 46741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Artery	Inflammation	Chronic Active, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 3-5]	
		[Hepatocellular Carcinoma TGLS = 2-13]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Prostate	Artery	Inflammation	Chronic Active, Moderate
* Skin	Subcut Tiss	Sarcoma	
		[Sarcoma TGLS = 4-12]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 1-5]	

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 659

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 46742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-5+6]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
	Note: ADJACENT TO DYSPLASTIC TOOTH		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Malformation	Marked

PRIMARY CAUSE OF DEATH

- Tooth Malformation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex	Hypertrophy	Mild
* Harderian Gland	Adenoma	
[Adenoma TGLS = 2-11]		
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
[Hepatocellular Adenoma TGLS = 1-5]	Hepatocellular Adenoma	
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 720

DOSE: CONTROL

DISP: Natural Death

HISTO: 46744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Kidney		Hepatocellular Carcinoma Nephropathy	Metastatic (Liver) Marked
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-5]		
	[Hepatocellular Carcinoma TGLS = 3,4-5+13]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 1-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Mild Moderate
	[Hyperplasia TGLS = 5-12]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:16

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2,3-12+6+5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 1-5]			
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-6]		
* Nose	Glands, Olfactory Epi	Hyperplasia	Minimal
* Prostate		Angiectasis	Mild
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 663

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 46748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone		Hyperostosis	Mild
[Hyperostosis TGLS = 6-12]			
* Heart		Cardiomyopathy	Moderate
		Thrombosis	Marked
[Cardiomyopathy TGLS = 1-5]			
[Thrombosis TGLS = 2-5]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular	Necrosis	Minimal
[Eosinophilic Focus TGLS = 5-6]			
[Hepatocellular Adenoma TGLS = 3,4-5]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH - Heart Cardiomyopathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

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: 46749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mediastinal
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Gallbladder		Degeneration	Hyaline, Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Granulomatous, Mild
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 3-8]			
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 2-7]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Spleen		Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 1-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone

* Bone Marrow

* Brain

* Epididymis

* Esophagus

* Eye

* Gallbladder

* Harderian Gland

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Larynx

* Lung

* Lymph Node, Mesenteric

* Nose

* Pancreas

* Parathyroid Gland

* Preputial Gland

* Prostate

* Salivary Glands

* Seminal Vesicle

* Skin

* Spleen

* Stomach, Glandular

* Testes

* Thyroid Gland

* Trachea

* Urinary Bladder

MISSING

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Kidney

Mast Cell Tumor Malignant

Metastatic (Uncertain Primary Site)

Metaplasia

Osseous, Minimal

Nephropathy

Minimal

Hepatocellular Adenoma

Multiple

* Liver

[Hepatocellular Adenoma TGLS = 1,2-6+5]

* Lymph Node, Mandibular

Mast Cell Tumor Malignant

Metastatic (Uncertain Primary Site)

* Stomach, Forestomach

Mast Cell Tumor Malignant

Metastatic (Uncertain Primary Site)

* Thymus

Mast Cell Tumor Malignant

Metastatic (Uncertain Primary Site)

Tooth

Mast Cell Tumor Malignant

Metastatic (Uncertain Primary Site)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-12+5]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Harderian Gland		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 1-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

- | | | |
|---|---|---------|
| * Harderian Gland
[Adenoma TGLS = 1-11] | Adenoma | |
| * Kidney | Nephropathy | Minimal |
| * Liver

[Angiectasis TGLS = 2-5]
[Clear Cell Focus TGLS = 2-5]
[Hepatocellular Adenoma TGLS = 3-5] | Angiectasis
Clear Cell Focus
Hepatocellular Adenoma | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

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: 46754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Bronchial
* Pancreas
* Prostate
* Spleen
* Thymus

* Bone Marrow
* Eye
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mediastinal
* Parathyroid Gland
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Brain
* Heart
* Intestine Small, Duodenum
* Larynx
* Lymph Node, Mesenteric
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Lymph Node, Mandibular

* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex
* Harderian Gland
* Kidney
* Liver

Hypertrophy
Hyperplasia
Metaplasia
Hepatocellular Adenoma

Mild
Minimal
Osseous, Mild
Multiple

[Hepatocellular Adenoma TGLS = 1-5, 2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-5]		
[Hepatocellular Carcinoma TGLS = 1-12]		
* Testes	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

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: 46756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mediastinal
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Larynx
- * Lymph Node, Mesenteric
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Bone Marrow
- * Eye
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Bronchial
- * Nose
- * Prostate
- * Spleen
- * Thymus

- * Brain
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

MISSING

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex

Hyperplasia

Mild

* Kidney

Hypertrophy

Mild

* Liver

Nephropathy

Minimal

* Lung

Clear Cell Focus

Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Harderian Gland	Adenoma	
[Adenoma TGLS = 3-11]		
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	Mild
	Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 2-5]		
[Hepatocellular Adenoma TGLS = 1-6]		
Tooth	Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Necrosis	Minimal
		[Hepatocellular Adenoma TGLS = 2-6]	
		[Necrosis TGLS = 1-5]	
* Spleen		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

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: 46759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
	Tension Lipidosis	Mild

[Hepatocellular Adenoma TGLS = 1,2,3-5+12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 668

DOSE: CONTROL

DISP: Natural Death

HISTO: 46760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-5+6+12]		
	[Hepatocellular Carcinoma TGLS = 1-12]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 3-4]		
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 628

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 46761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-6]			
* Liver		Eosinophilic Focus	
[Hepatocellular Carcinoma TGLS = 1-12]		Hepatocellular Carcinoma	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 4-4]		Hyperplasia	Minimal
[Hyperplasia TGLS = 3-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 631

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 46762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Brain

* Gallbladder

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lymph Node, Mediastinal

* Pituitary Gland

* Seminal Vesicle

* Stomach, Glandular

* Urinary Bladder

* Adrenal Medulla

* Epididymis

* Harderian Gland

* Intestine Large, Rectum

* Islets, Pancreatic

* Lymph Node, Mesenteric

* Preputial Gland

* Skin

* Thymus

* Bone

* Esophagus

* Heart

* Intestine Small, Duodenum

* Larynx

* Nose

* Prostate

* Spleen

* Thyroid Gland

* Bone Marrow

* Eye

* Intestine Large, Cecum

* Intestine Small, Ileum

* Lymph Node, Bronchial

* Pancreas

* Salivary Glands

* Stomach, Forestomach

* Trachea

MISSING

* Lymph Node, Mandibular

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

* Eye

Note: ONLY ONE EYE IS PRESENT ON THE SLIDE

* Kidney

* Liver

* Lung

[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]

* Testes

Nephropathy

Basophilic Focus

Alveolar/Bronchiolar Carcinoma

Atrophy

Mild

Mild

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mandibular
- * Pancreas
- * Prostate
- * Spleen
- * Thymus

- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Larynx
- * Lymph Node, Mediastinal
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone Marrow
- * Eye
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Brain
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Bronchial
- * Nose
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

- * Adrenal Cortex
- * Kidney
- * Liver

- Hypertrophy
- Nephropathy
- Clear Cell Focus
- Hepatocellular Adenoma
- Hepatocellular Carcinoma

- Mild
- Minimal
- Multiple

[Clear Cell Focus TGLS = 3,4-12+5]
 [Hepatocellular Adenoma TGLS = 2-5, 5-6]
 [Hepatocellular Carcinoma TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-11]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4-5+12]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-12]			
* Pancreas	Duct	Cyst	Marked
[Cyst TGLS = 1-13]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|-------------------|--|--------------------|
| * Adrenal Medulla | Hyperplasia | Mild |
| * Kidney | Nephropathy | Minimal |
| * Liver | Hepatocellular Adenoma | |
| | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLS = 2-5] | |
| | [Hepatocellular Carcinoma TGLS = 1-13] | |
| * Lung | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Testes | Atrophy | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 401

TRT#: 4

SEX: Male

DAY ON TEST: 698

DOSE: 250 PPM

DISP: Natural Death

HISTO: 46967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Eye		Cataract	Mild
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hepatocellular Carcinoma	
		Necrosis	Moderate
[Hepatocellular Adenoma TGLS = 3-6]			
[Hepatocellular Carcinoma TGLS = 2-5]			
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:16

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 402

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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, Bronchial	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Thrombosis	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 5-6]		
	[Hepatocellular Carcinoma TGLS = 2-5+13]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 4-6]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-12]		
	[Hepatocellular Carcinoma TGLS = 3-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 403

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 678

HISTO: 46969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Heart
* Lymph Node, Mandibular
* Prostate
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Islets, Pancreatic
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Trachea

* Bone Marrow
* Eye
* Larynx
* Pituitary Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Brain
* Harderian Gland
* Lung
* Preputial Gland
* Skin
* Thymus

MISSING

* Lymph Node, Bronchial
* Parathyroid Gland

* Lymph Node, Mediastinal

* Lymph Node, Mesenteric

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder
* Intestine Small, Duodenum

* Intestine Large, Cecum
* Intestine Small, Ileum

* Intestine Large, Colon
* Intestine Small, Jejunum

* Intestine Large, Rectum
* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Liver

Hyperplasia
Nephropathy
Hepatocellular Adenoma
Hepatocellular Carcinoma
Necrosis

Mild
Minimal

Centrilobular

[Hepatocellular Carcinoma TGLS = 2-12]

[Necrosis TGLS = 1-5]

* Nose
Glands, Olfactory Epi

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 404

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Adenoma TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Erosion	Marked
	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-9]			
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 405

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 691

HISTO: 46971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Islets, Pancreatic	* Kidney
* Larynx	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Liver		Hepatocellular Adenoma Histiocytic Sarcoma	
	[Hepatocellular Adenoma TGLS = 3-12]		
	[Histiocytic Sarcoma TGLS = 4-5]		
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Carcinoma Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 2-5]		

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 406

TRT#: 4

SEX: Male

DAY ON TEST: 533

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 46972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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INSUFFICIENT TISSUE

* Gallbladder	* Intestine Small, Duodenum
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Necrosis	Mild
	[Hepatocellular Adenoma TGLS = 1-5+12]		
	[Necrosis TGLS = 2-5]		
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate
	[Ulcer TGLS = 3-9]		
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 407

TRT#: 4

SEX: Male

DAY ON TEST: 712

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 46973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Epididymis
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Prostate
* Spleen
* Thymus

* Bone
* Esophagus
* Heart
* Intestine Small, Duodenum
* Larynx
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Eye
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

* Kidney

Infarct

Minimal

* Liver

Nephropathy

Mild

Hepatocellular Adenoma

Multiple

Hepatocellular Carcinoma

[Hepatocellular Adenoma TGLS = 3-5]

[Hepatocellular Carcinoma TGLS = 1-5+12]

* Lung

Hepatocellular Carcinoma

Metastatic (Liver)

Alveolar Epith, Bronchiole

Metaplasia

Minimal

[Hepatocellular Carcinoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 408

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

- | | | | |
|---|----------------------------|--------------------------------|----------|
| * Adrenal Cortex | | Hypertrophy | Mild |
| * Harderian Gland | | Adenoma | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| * Lung | Alveolar Epith, Bronchiole | Alveolar/Bronchiolar Carcinoma | |
| | | Metaplasia | Marked |
| Note: No Corresponding Lesion for TGL 2 | | | |
| [Alveolar/Bronchiolar Carcinoma TGLS = 1-4] | | | |
| * Prostate | | Hyperplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 409

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 632

HISTO: 46975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

AUTO PRECLUDES DIAG.

- * Larynx

OBSERVATIONS

- | | | |
|--|--------------------------|----------|
| * Adrenal Cortex | Hypertrophy | Mild |
| * Kidney | Nephropathy | Mild |
| [Nephropathy TGLS = 2-6] | | |
| * Liver | Hepatocellular Adenoma | Multiple |
| | Hepatocellular Carcinoma | |
| | Necrosis | Moderate |
| [Hepatocellular Adenoma TGLS = 1-5+14] | | |
| [Hepatocellular Carcinoma TGLS = 1-12] | | |
| * Stomach, Forestomach | Ulcer | Moderate |
| [Ulcer TGLS = 3-13] | | |
| * Stomach, Glandular | Necrosis | Minimal |

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 410

TRT#: 4

SEX: Male

DAY ON TEST: 453

DOSE: 250 PPM

DISP: Natural Death

HISTO: 46976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder * Intestine Small, Duodenum

OBSERVATIONS

* Kidney	Capsule	Fibrosis Nephropathy	Minimal Mild
[Fibrosis TGLS = 2-6]			
* Liver		Basophilic Focus Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Mild Mild
* Stomach, Glandular		Necrosis	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 411

TRT#: 4

SEX: Male

DAY ON TEST: 673

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 46977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

INSUFFICIENT TISSUE

* Gallbladder	* Lymph Node, Mesenteric		
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OBSERVATIONS

* Heart		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3,4,5-5+12]		
	[Hepatocellular Carcinoma TGLS = 2-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Minimal
	[Hepatocellular Carcinoma TGLS = 1,8-14+4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Skin		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 7-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 411

TRT#: 4

SEX: Male

DAY ON TEST: 673

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 46977

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:16

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 412

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular	Necrosis	Mild
Note: No Corresponding Lesion for TGL 3			
[Hepatocellular Adenoma TGLS = 1,4-5+12]			
[Necrosis TGLS = 2-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 5-13]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 413

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 1,2-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 414

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Necrosis	Mild
	[Clear Cell Focus TGLS = 2-5]		
	[Hepatocellular Adenoma TGLS = 1-5]		
	[Necrosis TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 4-4]		
* Nose	Glands, Olfactory Epi	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 415

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Carcinoma	
	[Hepatoblastoma TGLS = 2-6]		
	[Hepatocellular Carcinoma TGLS = 1-12]		
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Moderate
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 416

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2,3,4-6+12+5]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 5,6-4]		
	[Metaplasia TGLS = 7-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-5]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 417

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Moderate
* Harderian Gland	Hyperplasia	Moderate
* Kidney	Infarct	Moderate
	Nephropathy	Mild
[Nephropathy TGLS = 4-6]		
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 7-5]		
[Hepatocellular Adenoma TGLS = 5,6-5+6+12]		
[Hepatocellular Carcinoma TGLS = 8-12]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
	Hyperplasia	Mild
	Metaplasia	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 417

TRT#: 4
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 46983

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery
[Necrosis TGLS = 3-13]

Fat

Necrosis

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 418

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 654

HISTO: 46984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hemangiosarcoma	
	Hepatocellular Carcinoma	
[Hemangiosarcoma TGLS = 2,3-5]		
[Hepatocellular Carcinoma TGLS = 1-6]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 419

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Eye	Cornea	Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 3-11]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-11]			
* Intestine Large, Cecum		Mast Cell Tumor Malignant	Metastatic (Uncertain Primary Site)
* Kidney		Mast Cell Tumor Malignant	Metastatic (Uncertain Primary Site)
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Adenoma TGLS = 6-6]			
[Alveolar/Bronchiolar Carcinoma TGLS = 5-4, 6-6]			
Mesentery		Mast Cell Tumor Malignant	Metastatic (Uncertain Primary Site)
[Mast Cell Tumor Malignant TGLS = 1-12]			
* Stomach, Forestomach		Mast Cell Tumor Malignant	Metastatic (Uncertain Primary Site)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 419

TRT#: 4
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 46985

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Mast Cell Tumor Malignant	Metastatic (Uncertain Primary Site)
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 420

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Carcinoma	
[Carcinoma TGLS = 4-13]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-5]			
[Hepatocellular Carcinoma TGLS = 1-6+12]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 421

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Angiectasis	Mild
		Granuloma Sperm	Minimal
	[Angiectasis TGLS = 3-8]		
* Kidney		Nephropathy	Marked
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-5+12]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Preputial Gland		Ectasia	Marked
	[Ectasia TGLS = 2-8]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:16

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 422

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma Hypertrophy	Mild
		[Adenoma TGLS = 5-3]	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		[Clear Cell Focus TGLS = 2,7-12+5]	
		[Hepatocellular Adenoma TGLS = 1,3-6+13]	
		[Mixed Cell Focus TGLS = 4-12]	
* Lung	Alveolar Epith Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma Hyperplasia Metaplasia	Mild Marked
		[Alveolar/Bronchiolar Adenoma TGLS = 6-4]	
* Nose		Note: LEVEL 3, OLFACTORY EPITHELIUM - INSUFFICIENT TISSUE	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 422

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46988

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:16

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 423

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,6-13+5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolar Epith, Bronchiole	Metaplasia	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 4-4]			
[Alveolar/Bronchiolar Carcinoma TGLS = 1,3-12+4]			
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 5-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 424

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Eye [Inflammation TGLS = 1-11]	Cornea	Inflammation	Chronic Active, Marked
* Harderian Gland [Carcinoma TGLS = 2-11]		Carcinoma	
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 3-6]		Clear Cell Focus	
		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 425

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 426

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-5 LIVER TGL-4 NO CORRESPONDING LESION]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Skin	Subcut Tiss	Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLS = 3-13]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 427

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* 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	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Intestine Large, Colon		Leiomyoma	
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 428

TRT#: 4

SEX: Male

DAY ON TEST: 610

DOSE: 250 PPM

DISP: Natural Death

HISTO: 46994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

- | | | | |
|----------|--|------------------------------|---------|
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | Renal Tubule | Hyperplasia | Mild |
| | | Nephropathy | Mild |
| * Liver | Centrilobular | Hepatocellular Adenoma | |
| | | Necrosis | Marked |
| | [Hepatocellular Adenoma TGLS = 1-12] | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | Bronchiole | Hyperplasia | Minimal |
| * Testes | | Atrophy | Mild |

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 429

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 6-11]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 2-5]			
[Hepatocellular Carcinoma TGLS = 1-12]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 4,5-4]			
* Nose		Atrophy	Minimal
	Olfactory Epi		
	Glands, Olfactory Epi	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 430

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 551

HISTO: 46996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Moderate
[Angiectasis TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 2-4]			
[Alveolar/Bronchiolar Carcinoma TGLS = 1-12]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 431

TRT#: 4

SEX: Male

DAY ON TEST: 715

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 46997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-13]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-12+4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-13]			
* Nose	Olfactory Epi	Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 432

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyms	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 1,2-12+5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Bronchiole	Hyperplasia	Minimal
	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Skin		Inflammation	Chronic Active, Marked
	[Inflammation TGLS = 3-6]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 433

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 46999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Basophilic Focus TGLS = 2-5]			
[Hepatocellular Adenoma TGLS = 1-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
* Skin		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 434

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-12]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Moderate
	Metaplasia	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 435

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 47001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 2-6]		
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4,5-13+5+12]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Bronchiole	Hyperplasia	Minimal
	Alveolar Epith, Bronchiole	Metaplasia	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-6]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 436

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 47002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 3-7]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-12]			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]		Metaplasia	Marked
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-6]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 437

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Degeneration	Moderate
	Hyperplasia	Mild
* Adrenal Medulla	Pheochromocytoma Benign	
	Pheochromocytoma Malignant	
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-5, 3-5]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar/Bronchiolar Carcinoma	Multiple
	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 1,4,5-12+4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 438

TRT#: 4

SEX: Male

DAY ON TEST: 503

DOSE: 250 PPM

DISP: Natural Death

HISTO: 47004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

AUTO PRECLUDES DIAG.

- | | | | |
|--------------------------|-----------------------------|--------------------------|----------------------------|
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
|--------------------------|-----------------------------|--------------------------|----------------------------|

OBSERVATIONS

- | | | |
|----------|--------------------------|------|
| * Kidney | Nephropathy | Mild |
| * Liver | Hepatocellular Carcinoma | |

[Hepatocellular Carcinoma TGLS = 2-5+12]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 439

TRT#: 4

SEX: Male

DAY ON TEST: 652

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 47005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4-5+6+12]		
* Lung	Bronchiole	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLS = 5-12]		

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 440

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 47006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Granuloma Sperm	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Marked
[Hyperplasia TGLS = 4-6]			
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,5-5+6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]			
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 440

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47006

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland
Tooth

Follicular Cel

Hyperplasia
Malformation

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 441

TRT#: 4

SEX: Male

DAY ON TEST: 593

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 47007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Gallbladder | * 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, Bronchial |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | | | |

MISSING

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

INSUFFICIENT TISSUE

- * Urinary Bladder

OBSERVATIONS

- | | | |
|------------------------|--|----------|
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Nephropathy | Mild |
| * Lung | Alveolar/Bronchiolar Adenoma | Multiple |
| | Alveolar/Bronchiolar Carcinoma | |
| | Hyperplasia | Mild |
| | [Alveolar/Bronchiolar Carcinoma TGLS = 2-12] | |
| * Stomach, Forestomach | Epithelium | Mild |
| | Hyperplasia | Mild |
| | Inflammation | Mild |

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 442

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * 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 | * Kidney |
| * Larynx | * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

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

OBSERVATIONS

- | | | | |
|---|----------------------------|--------------------------------|----------|
| * Adrenal Cortex | | Hyperplasia | Mild |
| * Heart | | Cardiomyopathy | Minimal |
| * Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 3-6] | | | |
| * Lung | | Alveolar/Bronchiolar Carcinoma | Multiple |
| | Alveolar Epith, Bronchiole | Metaplasia | Moderate |
| [Alveolar/Bronchiolar Carcinoma TGLS = 1,2-4] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 443

TRT#: 4

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 47009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Eosinophilic Focus	
	[Basophilic Focus TGLS = 3-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 443	TRT#: 4	SEX: Male	DAY ON TEST: 729
	DOSE: 250 PPM	DISP: Terminal Sacrifice	HISTO: 47009

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth		Malformation	Marked
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 444

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 1,2-5]			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma	Moderate
	Olfactory Epi	Metaplasia	Minimal
* Nose		Atrophy	Minimal
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 445

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 4-6]			
[Mixed Cell Focus TGLS = 2,3-5]			
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Marked
Note: No Corresponding Lesion for TGL 1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 446

TRT#: 4

SEX: Male

DAY ON TEST: 662

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 47012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Brain		Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Tension Lipidosis	Moderate
	[Hepatocellular Adenoma TGLS = 6-6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
		Thrombosis	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 2,3,4-4]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 7-12]		
* Nose	Olfactory Epi	Atrophy	Mild
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Brain Degeneration

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 447

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2,5-12+6+5]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 4-4]		
[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]		
* Pancreas	Atrophy	Minimal
Tooth	Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 448

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Moderate
[Hepatocellular Adenoma TGLS = 1,2-12+5]			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma	
		Metaplasia	Marked
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 449

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-6+5]		
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Metaplasia TGLS = 4-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 450

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Liver	Angiectasis	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Minimal
	Alveolar Epith, Bronchiole	Moderate

[Alveolar/Bronchiolar Adenoma TGLS = 1-4]

* Nose

Note: LEVEL 1 - INSUFFICIENT TISSUE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 601

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Skin

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 2-5]		
	[Hepatocellular Adenoma TGLS = 1-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 4-6]		
* Nose	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Malformation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 601

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46867

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 602

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyms	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Cyst	Mild
		Nephropathy	Mild
	[Cyst TGLS = 3-14]		
	[Nephropathy TGLS = 4-14]		
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Note: No Corresponding Lesion for TGL 7		
	[Hepatocellular Adenoma TGLS = 2,5,6-13+5]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 8-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-12]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 602

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46868

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 603

TRT#: 6

SEX: Male

DAY ON TEST: 683

DOSE: 500 PPM

DISP: Natural Death

HISTO: 46869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone

* Bone Marrow

* Brain

* Epididymis

* Esophagus

* Eye

* Harderian Gland

* Heart

* Islets, Pancreatic

* Larynx

* Lymph Node, Bronchial

* Lymph Node, Mesenteric

* Pancreas

* Pituitary Gland

* Preputial Gland

* Prostate

* Salivary Glands

* Seminal Vesicle

* Skin

* Spleen

* Stomach, Forestomach

* Testes

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

MISSING

* Adrenal Medulla

* Lymph Node, Mandibular

* Lymph Node, Mediastinal

* Mammary Gland

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Stomach, Glandular

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Liver

Hepatocellular Adenoma

Hepatocellular Carcinoma

[Hepatocellular Adenoma TGLS = 2-6]

[Hepatocellular Carcinoma TGLS = 3-5+12]

* Lung

Hepatocellular Carcinoma

Metastatic (Liver)

* Nose

Bronchiole

Hyperplasia

Marked

Olfactory Epi

Atrophy

Minimal

Glands, Olfactory Epi

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 604

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Clear Cell Focus	
	[Angiectasis TGLS = 6-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 3,4,5-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 605

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Clear Cell Focus TGLS = 7-5]		
	[Hepatocellular Adenoma TGLS = 2,3,4,5-12+13+5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 605

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46871

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 606

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 668

HISTO: 46872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
	[Clear Cell Focus TGLS = 2-5]		
	[Hepatocellular Carcinoma TGLS = 3-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,4-4]		
* Lymph Node, Mediastinal		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Skeletal Muscle		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 606

TRT#: 6

SEX: Male

DAY ON TEST: 668

DOSE: 500 PPM

DISP: Natural Death

HISTO: 46872

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Carcinoma TGLS = 5-6]

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 607

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

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

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Clear Cell Focus TGLS = 2-5]	
		[Hepatocellular Adenoma TGLS = 5-13]	
		[Hepatocellular Carcinoma TGLS = 1-5+12]	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
		Thrombosis	Marked
		[Alveolar/Bronchiolar Carcinoma TGLS = 3,4-4]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 607

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46873

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 608

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-6+5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 609

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 4-4]			
[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]			
* Lymph Node, Mesenteric		Infiltration Cellular	Mixed Cell, Marked
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 609

TRT#: 6
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 46875

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 610

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus	
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-5, 3-6]		
	[Hepatocellular Carcinoma TGLS = 1-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 4,5-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 6-5]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 7-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:17

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 611

TRT#: 6

SEX: Male

DAY ON TEST: 664

DOSE: 500 PPM

DISP: Natural Death

HISTO: 46877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Tension Lipidosis	Mild
	[Hepatocellular Adenoma TGLS = 4,5-6+12]		
	[Hepatocellular Carcinoma TGLS = 3-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 611

TRT#: 6

SEX: Male

DAY ON TEST: 664

DOSE: 500 PPM

DISP: Natural Death

HISTO: 46877

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 612

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 684

HISTO: 46878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Minimal
	Bronchiole	Hyperplasia	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2,3,4-4]			
* Nose		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Moderate
[Ulcer TGLS = 5-9]			

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 613

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 5-5]			
[Hepatocellular Adenoma TGLS = 4-5]			
[Hepatocellular Carcinoma TGLS = 6-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Adenoma TGLS = 2-4]			
[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]			
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Vomeronas Org	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 614

TRT#: 6

SEX: Male

DAY ON TEST: 723

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Atypical, Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Skin		Inflammation	Chronic Active, Marked
	[Inflammation TGLS = 1-8]		
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 615

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,3-5+12]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Marked
[Alveolar/Bronchiolar Adenoma TGLS = 5-4]		
[Alveolar/Bronchiolar Carcinoma TGLS = 2,4-4+13]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 616

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Adenoma TGLS = 3-4]			
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-4]			
* Nose		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 617

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Clear Cell Focus TGLS = 2-5]		
	[Eosinophilic Focus TGLS = 3-13]		
	[Hepatocellular Adenoma TGLS = 1,3-5+12+13]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 5-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 618

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 5,9-11]			
* Heart		Cardiomyopathy	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 6,7-5+14]			
[Hepatocellular Carcinoma TGLS = 1-5+12]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Hepatocellular Carcinoma TGLS = 2,3,4-4+13]			
* Nose		Inflammation	Suppurative, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate
[Ulcer TGLS = 8-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 618

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46884

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 619

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 4-5+12]			
[Hepatocellular Adenoma TGLS = 2,3,5-13+5+12]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 6-4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-5]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
[Hyperplasia TGLS = 7-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 620

TRT#: 6

SEX: Male

DAY ON TEST: 702

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Eye	* Gallbladder	* 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, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Brain		Necrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
[Hepatoblastoma TGLS = 1-12]			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma	
		Metaplasia	Mild
* Nose		Inflammation	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-5]			

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 621

TRT#: 6

SEX: Male

DAY ON TEST: 381

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Necrosis	Moderate
	[Hepatocellular Adenoma TGLS = 1-6]		
	[Hepatocellular Carcinoma TGLS = 2,3-5+12]		
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Minimal
* Stomach, Forestomach		Ulcer	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 622

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Harderian Gland		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2,3-12+5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 5,6-13+4]			
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 623

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Infarct	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	[Hepatoblastoma TGLS = 3-5]		
	[Hepatocellular Adenoma TGLS = 1,2-12+5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 4-4]		
* Nose		Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Minimal
	Glands, Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Hyperplasia	
* Stomach, Forestomach		Squamous Cell Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 624

TRT#: 6

SEX: Male

DAY ON TEST: 503

DOSE: 500 PPM

DISP: Natural Death

HISTO: 46890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	

[Hepatocellular Carcinoma TGLS = 1-12]

* Lung	Bronchiole	Hyperplasia	Moderate
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PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 625

TRT#: 6

SEX: Male

DAY ON TEST: 726

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Heart		Thrombosis	Moderate
[Thrombosis TGLS = 1-5]			
* Kidney		Nephropathy	Marked
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-12]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]			
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 626

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|---------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Larynx | * Lymph Node, Bronchial | * Lymph Node, Mediastinal | * Nose |
| * Pancreas | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Trachea | * Urinary Bladder | | |

MISSING

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

OBSERVATIONS

- | | | | |
|--------------------------|----------------------------|---|-------------------------------------|
| * Adrenal Cortex | Subcapsular | Adenoma | |
| * Islets, Pancreatic | | Hypertrophy | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Hepatoblastoma | |
| | | Hepatocellular Adenoma | Multiple |
| | | Hepatocellular Carcinoma | |
| | | [Eosinophilic Focus TGLS = 6-13] | |
| | | [Hepatoblastoma TGLS = 3-5] | |
| | | [Hepatocellular Adenoma TGLS = 2,4,7-12+14+5] | |
| | | [Hepatocellular Carcinoma TGLS = 1-5] | |
| * Lung | Alveolar Epith, Bronchiole | Alveolar/Bronchiolar Adenoma | |
| | | Metaplasia | Moderate |
| | | Sarcoma | Metastatic (Uncertain Primary Site) |
| * Lymph Node, Mesenteric | | Infiltration Cellular | Plasma Cell, Marked |
| Mesentery | Fat | Necrosis | Mild |
| | | [Necrosis TGLS = 5-12] | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 626

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46892

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland
Tooth

Follicular Cel

Hyperplasia
Malformation

Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 627

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hypertrophy	Mild
* Eye	Cornea	Inflammation	Chronic Active, Marked
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 6-13]		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4,5-5+6]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Carcinoma	Metastatic (Harderian Gland)
	Alveolar Epith	Hyperplasia	Minimal
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 2-12]			
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 627

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46893

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 628

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Lymph Node, Bronchial |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | | | |

MISSING

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

OBSERVATIONS

- | | | | |
|---|----------------------------|--------------------------------|----------|
| * Adrenal Cortex | | Hypertrophy | Mild |
| * Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 1-5] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Alveolar/Bronchiolar Carcinoma | Multiple |
| | Bronchiole | Hyperplasia | Moderate |
| | Alveolar Epith, Bronchiole | Metaplasia | Marked |
| [Alveolar/Bronchiolar Carcinoma TGLS = 2,3-4] | | | |
| * Nose | Olfactory Epi | Atrophy | Minimal |
| | Glands, Olfactory Epi | Hyperplasia | Minimal |
| * Urinary Bladder | | Hemangiosarcoma | |
| [Hemangiosarcoma TGLS = 4-9] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 629

TRT#: 6

SEX: Male

DAY ON TEST: 565

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

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

* Gallbladder

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2,3,4-4+12]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 630

TRT#: 6

SEX: Male

DAY ON TEST: 512

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 3-6]	
		[Hepatocellular Adenoma TGLS = 2-5]	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Minimal
Lymph Node	Iliac	Infiltration Cellular	Mixed Cell, Moderate
		[Infiltration Cellular TGLS = 4-12]	
* Skin		Inflammation	Chronic Active, Marked
		[Inflammation TGLS = 1-12]	

PRIMARY CAUSE OF DEATH

- Skin Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 631

TRT#: 6

SEX: Male

DAY ON TEST: 598

DOSE: 500 PPM

DISP: Natural Death

HISTO: 46897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-------------------|-------------------------|--------------------------|-------------------|
| * Bone | * Brain | * Heart | * Kidney |
| * Larynx | * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Preputial Gland |
| * Salivary Glands | * Stomach, Forestomach | * Urinary Bladder | |

MISSING

- * Mammary Gland

AUTO PRECLUDES DIAG.

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone Marrow | * Epididymis |
| * Esophagus | * Eye | * Gallbladder | * Harderian Gland |
| * 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 | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Prostate | * Seminal Vesicle | * Spleen |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | | | |

OBSERVATIONS

- | | | | |
|--|----------------|--------------------------|------------------------|
| * Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 3-12] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| * Skin | | Inflammation | Chronic Active, Marked |
| [Inflammation TGLS = 1-8] | | | |

PRIMARY CAUSE OF DEATH

- Skin Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 632

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyms	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-5]		
* Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-6]	Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLS = 6-5]	Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 633

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 690

HISTO: 46899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4-5]		
	[Hepatocellular Carcinoma TGLS = 3-12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
		Metaplasia	Minimal
	Alveolar Epith, Bronchiole		
	[Alveolar/Bronchiolar Adenoma TGLS = 1,2-6+4]		
	[Hepatocellular Carcinoma TGLS = 5-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
* Thymus	Artery	Inflammation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 634

TRT#: 6

SEX: Male

DAY ON TEST: 649

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Moderate
* Liver	Hepatocellular Carcinoma	Multiple
	Necrosis	Moderate
[Hepatocellular Carcinoma TGLS = 3-5+12+13]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 1,4-6+4]		
* Skin	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-12]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:17

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 635

TRT#: 6

SEX: Male

DAY ON TEST: 638

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Inflammation	Granulomatous, Minimal
			[Eosinophilic Focus TGLS = 6-5]
			[Hepatocellular Adenoma TGLS = 5-5]
			[Hepatocellular Carcinoma TGLS = 3,4-6+12]
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Skin		Inflammation	Chronic Active, Marked
			[Inflammation TGLS = 1,2-12+13]

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 635

TRT#: 6

SEX: Male

DAY ON TEST: 638

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46901

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 636

TRT#: 6

SEX: Male

DAY ON TEST: 726

DOSE: 500 PPM

DISP: Natural Death

HISTO: 46902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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AUTO PRECLUDES DIAG.

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

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Marked
	[Hepatocellular Adenoma TGLS = 2-5]		
	[Hepatocellular Carcinoma TGLS = 1-5]		
	[Necrosis TGLS = 3-12]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
* Nose	Olfactory Epi	Hyperplasia	Atypical, Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 636

TRT#: 6

SEX: Male

DAY ON TEST: 726

DOSE: 500 PPM

DISP: Natural Death

HISTO: 46902

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 637

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Infarct	Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
	[Clear Cell Focus TGLS = 1,3-5+12]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose	Olfactory Epi	Atrophy	Minimal
* Skin	Subcut Tiss	Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLS = 2-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 638

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

- | | | | |
|---|----------------------------|--------------------------------|----------|
| * Adrenal Cortex | Subcapsular | Adenoma | |
| * Kidney | | Nephropathy | Mild |
| * Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | | Tension Lipidosis | Mild |
| [Hepatocellular Adenoma TGLS = 2-12] | | | |
| [Hepatocellular Carcinoma TGLS = 3-6] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | Multiple |
| | | Alveolar/Bronchiolar Carcinoma | |
| | Bronchiole | Hyperplasia | Marked |
| | Alveolar Epith, Bronchiole | Metaplasia | Minimal |
| [Alveolar/Bronchiolar Carcinoma TGLS = 1-4] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 639

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 718

HISTO: 46905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4,5-5]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Marked
	Bronchus	Inflammation	Acute, Marked
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-12+4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 6-13]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 7-13]			

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 640

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 712

HISTO: 46906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4-5]		
	[Hepatocellular Carcinoma TGLS = 2-5+12]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Note: ONE OF THE NODULES OF METASTIC HEPATOCELLULAR CARCINOMA CONTAINS AN AREA MORPHOLOGICALLY CONSISTENT WITH HEPATOBLASTOMA		
	[Hepatocellular Carcinoma TGLS = 1-4+6]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 6-13]		
* Preputial Gland		Ectasia	Moderate
	[Ectasia TGLS = 5-8]		
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Mild Moderate
	[Ulcer TGLS = 7-13]		
* Testes		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 641

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2,3-6+5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 4-4]		
* Nose	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 642

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Clear Cell Focus TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 643

TRT#: 6

SEX: Male

DAY ON TEST: 568

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Necrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 2-12]		
	[Necrosis TGLS = 1-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-7]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate
* Stomach, Glandular		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 644

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Hemangiosarcoma	
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	[Hemangiosarcoma TGLS = 1-13]		
	[Hepatocellular Adenoma TGLS = 3,4-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 2,5,6-12+4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 645

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4,5-5+12]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-6]		
* Nose		Inflammation	Suppurative, Minimal
* Skin		Inflammation	Chronic Active, Marked
	[Inflammation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 646

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 2,3-4+6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 647

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 5-5]			
[Hepatocellular Adenoma TGLS = 2-12+15,4-14]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Carcinoma	Metastatic (Harderian Gland)
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 3-13]			
[Carcinoma TGLS = 6-4]			
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 647

TRT#: 6

SEX: Male

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46913

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 648

TRT#: 6

SEX: Male

DAY ON TEST: 731

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]	
Tooth	Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 649

TRT#: 6

DOSE: 500 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 645

HISTO: 46915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 2-5+12+13]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Hepatocellular Carcinoma TGLS = 1,3,4-4+6]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 650

TRT#: 6

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Carcinoma	
[Basophilic Focus TGLS = 3-12]			
[Hepatocellular Carcinoma TGLS = 4-5]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]			
* Nose	Glands, Olfactory Epi	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 801

TRT#: 8

SEX: Male

DAY ON TEST: 730

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Intestine Large, Cecum

OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,3,4-12+5]		
* Lung		Alveolar/Bronchiolar Adenoma Metaplasia	Multiple Marked
* Nose	Alveolar Epith, Bronchiole Olfactory Epi Glands, Olfactory Epi Olfactory Epi	Atrophy Hyperplasia Hyperplasia	Minimal Minimal Basal Cell, Mild
* Prostate		Hyperplasia	Mild
* Skin	Subcut Tiss	Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLS = 2-13]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 802

TRT#: 8

SEX: Male

DAY ON TEST: 680

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Basophilic Focus TGLS = 6-12]		
	[Eosinophilic Focus TGLS = 6-5]		
	[Hepatocellular Adenoma TGLS = 7-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 2,3,4,5-4+6]		
* Nose		Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Minimal
	Glands, Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Adenoma	
* Thyroid Gland			
	Follicular Cel		
	[Adenoma TGLS = 1-3]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 802

TRT#: 8

SEX: Male

DAY ON TEST: 680

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46818

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 803

TRT#: 8

SEX: Male

DAY ON TEST: 556

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 6-5]		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4,5-6+5+12]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Skin	Epidermis	Abscess	Minimal
		Ulcer	Mild
Note: UPL			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 803

TRT#: 8

SEX: Male

DAY ON TEST: 556

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46819

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Epithelium

Hyperplasia

Mild

Inflammation

Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 804

TRT#: 8

SEX: Male

DAY ON TEST: 627

DOSE: 1000 PPM

DISP: Natural Death

HISTO: 46820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Colon
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 1-6]			
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,3-6+5]			
* Lung	Bronchiole	Hyperplasia	Moderate
* Nose	Glands, Olfactory Epi	Hyperplasia	Minimal
Note: AUTOLYSIS PRECLUDES EVALUATION OF THE RESPIRATORY AND OLFACTORY LUMINAL EPITHELIUM			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:17

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 805

TRT#: 8

SEX: Male

DAY ON TEST: 701

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 1,2-5+13]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Bronchiole	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-12]		
	[Hepatocellular Carcinoma TGLS = 4,5-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 806

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 480

HISTO: 46822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone		Carcinoma	Metastatic (Uncertain Primary Site)
[Carcinoma TGLS = 2-14]			
* Brain		Carcinoma	Metastatic (Uncertain Primary Site)
* Eye	Cornea	Inflammation	Chronic Active, Mild
* Harderian Gland		Necrosis	Moderate
* Heart		Carcinoma	Metastatic (Uncertain Primary Site)
[Carcinoma TGLS = 1-12]			
* Kidney		Carcinoma	Metastatic (Uncertain Primary Site)
[Carcinoma TGLS = 9-6]			
[Infarct TGLS = 8-6]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Carcinoma	Metastatic (Uncertain Primary Site)
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 5-4]			
[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]			
[Carcinoma TGLS = 6,11-12+13]			
Lymph Node	Renal	Carcinoma	Metastatic (Uncertain Primary Site)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 806	TRT#: 8	SEX: Male	DAY ON TEST: 480
	DOSE: 1000 PPM	DISP: Moribund Sacrifice	HISTO: 46822

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 10-6]			
* Lymph Node, Bronchial		Carcinoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mandibular		Carcinoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mediastinal		Carcinoma	Metastatic (Uncertain Primary Site)
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Hyperplasia	Atypical, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-9]			
Pleura		Carcinoma	Metastatic (Uncertain Primary Site)
[Carcinoma TGLS = 7-13]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Marked
[Ulcer TGLS = 12-13]			

PRIMARY CAUSE OF DEATH - Lung Carcinoma Uncertain Primary Site

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 807

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	[Hemangiosarcoma TGLS = 1-13 UPL]		
	[Hepatocellular Adenoma TGLS = 1,4-13+5 UPL]		
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Carcinoma	Multiple
		Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 2,5,6-12+4+15]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 3-14+15]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 808

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 718

HISTO: 46824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Kidney		Infarct	Mild
		Nephropathy	Minimal
[Infarct TGLS = 3-6]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-5+13]			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Carcinoma	
		Metaplasia	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4+12]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 809

TRT#: 8

SEX: Male

DAY ON TEST: 687

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-5+6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Nose	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
* Testes		Atrophy	Mild
* Trachea		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 810

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4,7-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 2,5,6-4]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Fibrous Histiocytoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 811

TRT#: 8

SEX: Male

DAY ON TEST: 729

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2, 3, 4-5]		
	[Hepatocellular Carcinoma TGLS = 1-12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose			
	Note: Level 3- Insufficient Tissue		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 812

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 610

HISTO: 46828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Brain	Ventricle	Infiltration Cellular Adenoma	Polymorphnuclr, Moderate
* Harderian Gland			
[Adenoma TGLS = 1-11]			
* Heart		Inflammation Thrombosis	Acute, Mild Moderate
Note: There were bacterial colonies in the thrombus in the heart.			
* Kidney		Inflammation Nephropathy Pigmentation	Suppurative, Mild Minimal Mild
* Liver	Renal Tubule	Clear Cell Focus Hepatoblastoma	
[Hepatoblastoma TGLS = 3-5+12]			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]			
* Nose	Olfactory Epi Olfactory Epi	Atrophy Hyperplasia	Minimal Basal Cell, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 812

TRT#: 8

SEX: Male

DAY ON TEST: 610

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46828

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 813

TRT#: 8

SEX: Male

DAY ON TEST: 391

DOSE: 1000 PPM

DISP: Natural Death

HISTO: 46829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone

* Bone Marrow

* Brain

* Epididymis

* Esophagus

* Eye

* Harderian Gland

* Heart

* Intestine Large, Colon

* Islets, Pancreatic

* Kidney

* Larynx

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Lymph Node, Mesenteric

* Pancreas

* Parathyroid Gland

* Preputial Gland

* Prostate

* Salivary Glands

* Seminal Vesicle

* Skin

* Spleen

* Stomach, Forestomach

* Testes

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

MISSING

* Lymph Node, Mandibular

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

* Intestine Large, Cecum

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Pituitary Gland

* Stomach, Glandular

OBSERVATIONS

* Liver

Hepatocellular Carcinoma

[Hepatocellular Carcinoma TGLS = 1-6]

* Nose

Olfactory Epi

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 814

TRT#: 8

SEX: Male

DAY ON TEST: 730

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hypertrophy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,3-5+12+6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 4-4]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-8]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 815

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 705

HISTO: 46831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Gallbladder * Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Thrombosis	Marked
	[Thrombosis TGLS = 1-5]		
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-5]		
	[Hepatocellular Carcinoma TGLS = 2-12+13]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 5-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 3,4-4+13]		
* Nose	Olfactory Epi	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 815	TRT#: 8 DOSE: 1000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 705 HISTO: 46831
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ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Hyperplasia	Atypical, Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 816

TRT#: 8

SEX: Male

DAY ON TEST: 729

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma Hyperplasia Hypertrophy	Mild Moderate
* Harderian Gland	Bilateral	Adenoma	
* Intestine Large, Cecum		Infiltration Cellular	Histiocyte, Mild
* Kidney		Metaplasia Nephropathy	Osseous, Minimal Minimal
* Liver		Clear Cell Focus Hepatoblastoma Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-5+12]		
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma	Multiple Multiple
	Bronchiole Alveolar Epith, Bronchiole	Hyperplasia Metaplasia	Moderate Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 2,3-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]		
* Nose	Olfactory Epi	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 816

TRT#: 8
DOSE: 1000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 46832

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Olfactory Epi	Hyperplasia	Atypical, Minimal
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 817

TRT#: 8

SEX: Male

DAY ON TEST: 628

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Nose	Olfactory Epi	Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 818

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 609

HISTO: 46834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Heart	Artery	Inflammation	Chronic Active, Moderate
* Kidney	Artery	Inflammation	Chronic Active, Moderate
		Nephropathy	Minimal
	Perirenal Tiss	Thrombosis	Marked
* Lung		Alveolar/Bronchiolar Adenoma	
	Bronchiole	Hyperplasia	Minimal
	Alveolar Epith, Bronchiole	Metaplasia	Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 5-12]		
* Nose	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Prostate		Infiltration Cellular	Polymorphnuclr, Moderate
	[Infiltration Cellular TGLS = 3-14]		
* Skin		Inflammation	Acute, Marked
	[Inflammation TGLS = 1,2-14+13]		

PRIMARY CAUSE OF DEATH

- Skin Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:17

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 819

TRT#: 8

SEX: Male

DAY ON TEST: 694

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 3-5]		
	[Hepatocellular Carcinoma TGLS = 1-6, 2-12]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 4,5,6,7-6+4]		
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:17

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 820

TRT#: 8

SEX: Male

DAY ON TEST: 729

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Kidney		Infarct	Mild
		Nephropathy	Minimal
[Infarct TGLS = 5-6]			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 6,7,8-5]			
[Hepatocellular Carcinoma TGLS = 4-12]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-4]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 820

TRT#: 8

SEX: Male

DAY ON TEST: 729

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46836

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 821

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Epididymis		Granuloma Sperm	Marked
[Granuloma Sperm TGLS = 2-6]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 4,6-13+5, 3-5 UPL]			
[Hepatocellular Carcinoma TGLS = 5-13]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 1-4+12]			
[Alveolar/Bronchiolar Carcinoma TGLS = 1-4+12]			
* Nose	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 821	TRT#: 8	SEX: Male	DAY ON TEST: 729
	DOSE: 1000 PPM	DISP: Terminal Sacrifice	HISTO: 46837

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ASSOCIATED WITH PLANT MATERIAL EMBEDDED IN LAMINA PROPRIA
[Hyperplasia TGLS = 7-9+13]

* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 822

TRT#: 8

SEX: Male

DAY ON TEST: 687

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4,5-5+12+13]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,2,7-12+4+6]		
* Nose		Olfactory Epi	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
* Stomach, Forestomach		Erosion	Marked
	Epithelium	Hyperplasia	Mild
	Epithelium	Ulcer	Mild
	[Erosion TGLS = 3-9]		
	[Ulcer TGLS = 8-9]		
Tooth		Malformation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 822

TRT#: 8

SEX: Male

DAY ON TEST: 687

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46838

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 823

TRT#: 8

SEX: Male

DAY ON TEST: 730

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Kidney		Infarct	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2,3,4-5+6]		
* Lung	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 824

TRT#: 8

SEX: Male

DAY ON TEST: 526

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-5+12+13]		
* Lung	Alveolar/Bronchiolar Carcinoma	
	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-4]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 825

TRT#: 8

SEX: Male

DAY ON TEST: 683

DOSE: 1000 PPM

DISP: Natural Death

HISTO: 46841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Colon
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Sarcoma	Metastatic (Uncertain Primary Site)
* Heart		Cardiomyopathy	Minimal
		Mineralization	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Capsule	Sarcoma	Metastatic (Uncertain Primary Site)
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Sarcoma	Metastatic (Uncertain Primary Site)
		[Hepatocellular Adenoma TGLS = 6-5]	
		[Hepatocellular Carcinoma TGLS = 7,8-12]	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Mild
		Sarcoma	Metastatic (Uncertain Primary Site)
		[Alveolar/Bronchiolar Adenoma TGLS = 1-4]	
		[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]	
		[Sarcoma TGLS = 3,4-4]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 825

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 683

HISTO: 46841

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node [Sarcoma TGLS = 10-5+13]	Pancreatic	Sarcoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Bronchial		Sarcoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mediastinal		Hepatocellular Carcinoma	Metastatic (Liver)
		Sarcoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mesenteric [Sarcoma TGLS = 9-7]		Sarcoma	Metastatic (Uncertain Primary Site)
* Nose	Olfactory Epi	Atrophy Inflammation	Mild Suppurative, Mild
* Pancreas		Sarcoma	Metastatic (Uncertain Primary Site)
* Spleen		Sarcoma	Metastatic (Uncertain Primary Site)
* Stomach, Forestomach		Sarcoma	Metastatic (Uncertain Primary Site)
* Stomach, Glandular		Sarcoma	Metastatic (Uncertain Primary Site)
* Thymus		Sarcoma	Metastatic (Uncertain Primary Site)
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 826

TRT#: 8

SEX: Male

DAY ON TEST: 730

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 1,2-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 827

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Kidney		Nephropathy	Minimal
* Liver		Hepatocholangiocarcinoma	
	[Hepatocholangiocarcinoma TGLS = 1,2-5+12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 6-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 3,4,5-4+6]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Atypical, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 828

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 2-5]		
	[Hepatocellular Adenoma TGLS = 2-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-12]		
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
* Spleen		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 828

TRT#: 8

SEX: Male

DAY ON TEST: 729

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46844

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 829

TRT#: 8

SEX: Male

DAY ON TEST: 729

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 5-6]		
	[Hepatocellular Adenoma TGLS = 1,2-5+12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 3,4-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 830

TRT#: 8

SEX: Male

DAY ON TEST: 609

DOSE: 1000 PPM

DISP: Natural Death

HISTO: 46846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Nephropathy	Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 6,7-6]		
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 4,5-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]		
* Lymph Node, Mediastinal		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Skin	Subcut Tiss	Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLS = 1-12]		

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:17

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 831

TRT#: 8

SEX: Male

DAY ON TEST: 696

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Inflammation	Acute, Moderate
[Inflammation TGLS = 7-7]			
* Kidney		Infarct	Mild
		Nephropathy	Mild
[Infarct TGLS = 6-6]			
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3,4,5-5+12+13]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 2,8,9-4+6+12]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Malformation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 831

TRT#: 8

SEX: Male

DAY ON TEST: 696

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46847

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 832

TRT#: 8

SEX: Male

DAY ON TEST: 420

DOSE: 1000 PPM

DISP: Natural Death

HISTO: 46848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Kidney	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Skin
* Spleen	* Testes	* Thymus	* Thyroid Gland

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Larynx	Metaplasia	Squamous, Mild
* Liver	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-6]		
* Lung	Alveolar/Bronchiolar Carcinoma	
Bronchus	Necrosis	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Trachea	Necrosis	Marked

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 833

TRT#: 8

SEX: Male

DAY ON TEST: 729

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Adenoma TGLS = 3-4]			
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 834

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-5+13]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 1,5,6-12+4+6]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4,7-6+5]			
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 835

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 671

HISTO: 46851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-6]		
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2,3-4]		
* Lymph Node, Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Lymph Node, Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Pleura	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 4-12]		
* Thymus	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 836

TRT#: 8

SEX: Male

DAY ON TEST: 731

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
Note: No Corresponding Lesion for TGL 2 [Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:17

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 837

TRT#: 8

SEX: Male

DAY ON TEST: 730

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4-5]		
	[Hepatocellular Carcinoma TGLS = 2-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Nose	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal
* Skin		Inflammation	Chronic Active, Moderate
	[Inflammation TGLS = 1-13]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 838

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

INSUFFICIENT TISSUE

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|---|----------------------------|--|---------------------|
| * Intestine Small, Jejunum
[Carcinoma TGLS = 2-12] | | Carcinoma | |
| * Liver
[Hepatocellular Adenoma TGLS = 1-5] | | Eosinophilic Focus
Hepatocellular Adenoma | |
| * Lung | Bronchiole | Alveolar/Bronchiolar Adenoma | Moderate |
| | Alveolar Epith, Bronchiole | Hyperplasia | Marked |
| * Nose | Olfactory Epi | Atrophy | Minimal |
| | Glands, Olfactory Epi | Hyperplasia | Minimal |
| | Olfactory Epi | Hyperplasia | Basal Cell, Minimal |
| | Olfactory Epi | Hyperplasia | Atypical, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 839

TRT#: 8

SEX: Male

DAY ON TEST: 729

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Moderate
		Nephropathy	Minimal
[Infarct TGLS = 1-6]			
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
[Basophilic Focus TGLS = 3-13]			
[Hepatocellular Adenoma TGLS = 2-5+12]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 6,7-4+13]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Atypical, Moderate
* Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 4-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 839

TRT#: 8

SEX: Male

DAY ON TEST: 729

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46855

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 840

TRT#: 8

SEX: Male

DAY ON TEST: 628

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Brain		Gliosis	Mild
* Heart		Necrosis	Moderate
* Kidney		Infarct	Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 2,5-12+13]		
	[Hepatocellular Adenoma TGLS = 3,4,6-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Nose		Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Minimal
	Glands, Olfactory Epi		
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 841

TRT#: 8

SEX: Male

DAY ON TEST: 645

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 6-12]		
	[Hepatocellular Carcinoma TGLS = 5-5]		
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Carcinoma Metaplasia	Multiple Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,3,4,2-4+6]		
* Nose	Olfactory Epi Glands, Olfactory Epi Olfactory Epi	Atrophy Hyperplasia Hyperplasia Inflammation	Mild Minimal Basal Cell, Minimal Suppurative, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Mild Mild
	[Hyperplasia TGLS = 7-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 841

TRT#: 8

SEX: Male

DAY ON TEST: 645

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46857

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 842

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 407

HISTO: 46858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mediastinal	* Mammary Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney	Renal Tubule	Necrosis	Mild
		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
		Necrosis	Moderate
	[Hepatocellular Carcinoma TGLS = 1-12]		
* Lung		Thrombosis	Mild
* Stomach, Glandular		Necrosis	Minimal
	[Necrosis TGLS = 2-13]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 843

TRT#: 8

SEX: Male

DAY ON TEST: 694

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2,3,5-5+12]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,4-4+6]		
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 844

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 46860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic Active, Mild
Note: ONLY ONE EYE IS PRESENT ON THE SLIDE			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 4-12]			
[Hepatocellular Adenoma TGLS = 3,5-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
		Carcinoma	Metastatic (Harderian Gland)
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Adenoma TGLS = 2-4]			
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 844

TRT#: 8

SEX: Male

DAY ON TEST: 730

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46860

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose

Olfactory Epi
Glands, Olfactory Epi

Atrophy
Hyperplasia

Minimal
Minimal

* Thyroid Gland

Olfactory Epi
Follicular Cel

Hyperplasia
Adenoma

Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 845

TRT#: 8

SEX: Male

DAY ON TEST: 729

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
	[Basophilic Focus TGLS = 3-12]		
	[Eosinophilic Focus TGLS = 3-12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Nose	Olfactory Epi	Hyperplasia	Atypical, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 846

TRT#: 8

SEX: Male

DAY ON TEST: 705

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Eye		Cataract	Marked
	Cornea	Inflammation	Chronic Active, Mild
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 6-11]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 5,7-13+5]			
[Hepatocellular Carcinoma TGLS = 8-14]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2,3,4-12+4]			
* Nose	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 846	TRT#: 8 DOSE: 1000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 705 HISTO: 46862
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Respirat Epith Epithelium	Metaplasia Hyperplasia Inflammation	Squamous, Minimal Mild Mild
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[Hyperplasia TGLS = 9-6]

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 847

TRT#: 8

DOSE: 1000 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 46863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[Clear Cell Focus TGLS = 5,7-5+6]		
	[Hepatocellular Adenoma TGLS = 1,4,6-12+5+6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 2,3-4]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 8-9]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 848

TRT#: 8

SEX: Male

DAY ON TEST: 730

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 46864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
Note: Adrenal cortical lesion was a cyst. [Atrophy TGLS = 8-3]			
* Eye	Cornea	Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 1-11]			
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 9-13]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
Note: No Corresponding Lesion TGL 2 [Hepatocellular Adenoma TGLS = 3,4,6,5-5+12]			
* Lung	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Atypical, Moderate
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 849

TRT#: 8

SEX: Male

DAY ON TEST: 449

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Heart	Inflammation	Acute, Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-12]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-4]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 850

TRT#: 8

SEX: Male

DAY ON TEST: 576

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: 46866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hypertrophy	Minimal
* Harderian Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-11]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2,3-5]			
[Hepatocellular Carcinoma TGLS = 1-12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Skin		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 5,6,7-13+15+14]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 101

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 656

HISTO: 46767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Intestine Small, Duodenum		Necrosis	Mild
* Kidney	Renal Tubule	Karyomegaly	Moderate
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Tension Lipidosis	Mild
[Tension Lipidosis TGLS = 3-5]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

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: 46768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 103

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 645

HISTO: 46769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Mammary Gland	* Nose	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Intestine Small, Duodenum		Lymphoma Malignant
* Kidney		Lymphoma Malignant
[Lymphoma Malignant TGLS = 11-6]		
* Liver		Lymphoma Malignant
[Lymphoma Malignant TGLS = 10-5+12]		
* Lung		Lymphoma Malignant
Lymph Node	Lumbar	Lymphoma Malignant
	Pancreatic	Lymphoma Malignant
	Renal	Lymphoma Malignant
[Lymphoma Malignant TGLS = 4-12]		
[Lymphoma Malignant TGLS = 8-13]		
[Lymphoma Malignant TGLS = 7-6]		
* Lymph Node, Bronchial		Lymphoma Malignant
* Lymph Node, Mandibular		Lymphoma Malignant
* Lymph Node, Mediastinal		Lymphoma Malignant
[Lymphoma Malignant TGLS = 3-3]		
* Lymph Node, Mesenteric		Lymphoma Malignant
[Lymphoma Malignant TGLS = 9-7]		
* Ovary		Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:17
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 103	TRT#: 2 DOSE: CONTROL	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 645 HISTO: 46769
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Lymphoma Malignant	
* Pituitary Gland		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-9]			

PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 104

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma Lymphoma Malignant	Multiple
[Hepatocellular Adenoma TGLS = 5,6-5]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-12]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-13]			
* Pancreas		Inflammation	Chronic Active, Moderate
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

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: 46771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-5+12]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-13]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Carcinoma	
[Carcinoma TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 106

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

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: 46773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Harderian Gland		Adenoma	
Lymph Node	Lumbar	Ectasia	Marked
[Ectasia TGLS = 1-12]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 108

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Larynx | * Liver | * Lung |
| * Lymph Node, Bronchial | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------------|-------------|---------------|---------|
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLS = 4-11] | | | |
| * Kidney | | Nephropathy | Minimal |
| * Mammary Gland | | Carcinoma | |
| [Carcinoma TGLS = 1-13] | | | |
| * Uterus | Endometrium | Carcinoma | |
| [Carcinoma TGLS = 2-12] | | Polyp Stromal | |
| [Polyp Stromal TGLS = 3-9] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 109

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic Active, Moderate
* Harderian Gland		Adenoma	
	[Adenoma TGLS = 1-11]		
* Liver		Clear Cell Focus	
	[Clear Cell Focus TGLS = 2-5]		
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 110

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Clitoral Gland
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Lymph Node, Bronchial
- * Mammary Gland
- * Parathyroid Gland
- * Stomach, Forestomach
- * Trachea

- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Larynx
- * Lymph Node, Mandibular
- * Nose
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Bone Marrow
- * Eye
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Liver
- * Lymph Node, Mediastinal
- * Ovary
- * Skin
- * Thymus
- * Uterus

- * Brain
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lung
- * Lymph Node, Mesenteric
- * Pancreas
- * Spleen
- * Thyroid Gland

OBSERVATIONS

- * Adrenal Cortex
- * Harderian Gland
- * Pituitary Gland

Pars Distalis

Hyperplasia
Atrophy
Hyperplasia

Mild
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:17

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 111

TRT#: 2

SEX: Female

DAY ON TEST: 691

DOSE: CONTROL

DISP: Natural Death

HISTO: 46777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
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INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Necrosis	Moderate
* Ovary		Angiectasis	Marked
[Angiectasis TGLS = 3-8]			
* Stomach, Glandular		Necrosis	Mild
[Necrosis TGLS = 4-9]			
* Uterus	Endometrium	Angiectasis	Marked
		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Moderate
[Angiectasis TGLS = 2-12]			

PRIMARY CAUSE OF DEATH

- Uterus Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 112

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
[Basophilic Focus TGLS = 7-12]			
[Hepatocellular Adenoma TGLS = 6-5]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-13]			
* Nose	Olfactory Epi	Atrophy	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Marked
[Hyperplasia TGLS = 1-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3,4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 113

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Hyperplasia	Minimal
* Thymus	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 114

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 281

HISTO: 46780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lung
- * Lymph Node, Mesenteric
- * Pancreas
- * Spleen
- * Thyroid Gland

- * Adrenal Medulla
- * Clitoral Gland
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Bronchial
- * Mammary Gland
- * Pituitary Gland
- * Stomach, Forestomach
- * Trachea

- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Larynx
- * Lymph Node, Mandibular
- * Nose
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Bone Marrow
- * Eye
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Liver
- * Lymph Node, Mediastinal
- * Ovary
- * Skin
- * Thymus
- * Uterus

MISSING

- * Parathyroid Gland

OBSERVATIONS

- * Kidney Nephropathy Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 115

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Larynx	Metaplasia	Squamous, Mild
* Liver	Basophilic Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
[Basophilic Focus TGLS = 3-5]		
[Eosinophilic Focus TGLS = 1-15, 4-5]		
[Hepatocellular Adenoma TGLS = 1-5, 3-5]		
* Mammary Gland	Hyperplasia	Mild
* Pituitary Gland	Adenoma	
[Adenoma TGLS = 2-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:17

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 116

TRT#: 2

SEX: Female

DAY ON TEST: 683

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 46782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

OBSERVATIONS

* Eye	Cornea	Inflammation	Acute, Moderate
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-11]			
* Kidney	Renal Tubule	Necrosis	Mild
* Liver		Fatty Change	Marked
[Fatty Change TGLS = 4-5]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 1,7,8-4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-6]			
* Nose		Carcinoma	Metastatic (Harderian Gland)
* Stomach, Forestomach	Epithelium	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 9-9]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 6-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-9]			

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 117

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mediastinal
- * Ovary
- * Spleen
- * Thyroid Gland

- * Adrenal Medulla
- * Clitoral Gland
- * Heart
- * Intestine Small, Duodenum
- * Larynx
- * Lymph Node, Mesenteric
- * Pancreas
- * Stomach, Forestomach
- * Trachea

- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Bronchial
- * Mammary Gland
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Bone Marrow
- * Eye
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Nose
- * Skin
- * Thymus
- * Uterus

MISSING

- * Parathyroid Gland

OBSERVATIONS

- * Harderian Gland
[Carcinoma TGLS = 1-11]

Carcinoma

- * Kidney
- * Liver

Nephropathy
Eosinophilic Focus
Hepatocellular Adenoma

Minimal

- [Hepatocellular Adenoma TGLS = 2-5]

- * Lung
- * Pituitary Gland

Carcinoma
Hyperplasia

Metastatic (Harderian Gland)
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 118

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-12]		
* Pituitary Gland	Pars Distalis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:17

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 119

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 533

HISTO: 46785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Nose	Olfactory Epi	Atrophy
		Minimal

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 120

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Natural Death

DAY ON TEST: 693

HISTO: 46786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Eye	Cornea	Inflammation	Chronic Active, Moderate
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-12]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
	Alveolar Epith	Hyperplasia	Minimal
[Carcinoma TGLS = 3-4]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 121

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 46787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1,2-5+12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-9]			
* Skin	Subcut Tiss	Hemangiosarcoma	
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 122

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 46788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Eye [Cataract TGLS = 2-11]		Cataract	Moderate
* Harderian Gland [Carcinoma TGLS = 3-11]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Ovary [Cystadenoma TGLS = 1-8]		Cystadenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 123

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Tension Lipidosis	Mild
[Hepatocellular Adenoma TGLS = 2-12]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-6]			
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 124

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Uterus	Polyp Stromal	

[Polyp Stromal TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 125

TRT#: 2

SEX: Female

DAY ON TEST: 551

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 46791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Lung |
| * Lymph Node, Bronchial | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

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

INSUFFICIENT TISSUE

- * Clitoral Gland

OBSERVATIONS

- | | | | |
|------------------------|---------------|--------------|---------------------|
| * Liver | | Inflammation | Granulomatous, Mild |
| * Pituitary Gland | Pars Intermed | Adenoma | |
| [Adenoma TGLS = 1-9] | | | |

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Intermed Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 126

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland		Hyperplasia	Moderate
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-5]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-6]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
[Angiectasis TGLS = 4-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 127

TRT#: 2

SEX: Female

DAY ON TEST: 292

DOSE: CONTROL

DISP: Natural Death

HISTO: 46793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-------------------|-------------------|-------------------|---------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Harderian Gland | * Heart |
| * Larynx | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Thyroid Gland |
| * Trachea | * Uterus | | |

AUTO PRECLUDES DIAG.

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Bone Marrow | * Eye | * Gallbladder | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Ovary |
| * Pancreas | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | |
|------------------------------------|--------------------|----------|
| * Liver | Necrosis | Moderate |
| * Lung | Lymphoma Malignant | |
| * Lymph Node, Bronchial | Lymphoma Malignant | |
| * Lymph Node, Mandibular | Lymphoma Malignant | |
| [Lymphoma Malignant TGLS = 1-13] | | |
| * Lymph Node, Mediastinal | Lymphoma Malignant | |
| * Lymph Node, Mesenteric | Lymphoma Malignant | |
| * Thymus | Lymphoma Malignant | |

PRIMARY CAUSE OF DEATH - Lymph Node, Mandibular Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 128

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Natural Death

DAY ON TEST: 654

HISTO: 46794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Marked
[Hepatocellular Adenoma TGLS = 2,3-5+6]			
[Hepatocellular Carcinoma TGLS = 1-12]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

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: 46795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Tension Lipidosis	Minimal
* Nose	Olfactory Epi Glands, Olfactory Epi	Atrophy Hyperplasia	Minimal Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 130

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

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

INSUFFICIENT TISSUE

* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-5]			
Lymph Node	Lumbar	Ectasia	Moderate
[Ectasia TGLS = 5-6]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 6-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus	Endometrium	Carcinoma	
		Decidual Reaction	Marked
[Carcinoma TGLS = 3-9]			
[Decidual Reaction TGLS = 4-13]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 131

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Larynx | * Lung | * Lymph Node, Bronchial |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

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

OBSERVATIONS

- | | | |
|--|------------------------|---------|
| * Kidney | Nephropathy | Minimal |
| * Liver | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 2-5+12] | | |
| * Ovary | Cystadenoma | |
| [Cystadenoma TGLS = 1-13] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 132

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Necrosis	Moderate
[Necrosis TGLS = 2-14]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-14]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild
[Angiectasis TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 133

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3,4,5,6-6+14+13+15]		
	[Hepatocellular Carcinoma TGLS = 1-5+12]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 134

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

- | | | |
|------------------------|------------------------|---------|
| * Heart | Cardiomyopathy | Minimal |
| * Islets, Pancreatic | Adenoma | |
| | Hyperplasia | Marked |
| * Kidney | Nephropathy | Minimal |
| * Liver | Eosinophilic Focus | |
| | Hepatocellular Adenoma | |
| * Pituitary Gland | Adenoma | |
| [Adenoma TGLS = 1-9] | Pars Distalis | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 135

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Eye		Cataract	Mild
	Cornea	Inflammation	Chronic Active, Marked
* Harderian Gland		Adenoma	
		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-5]			
* Lung	Alveolar Epith	Metaplasia	Squamous, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

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: 46802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Adenoma Hyperplasia	Mild
[Adenoma TGLS = 5-11]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Cyst	Moderate
[Cyst TGLS = 3-5]		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-12, 4-13]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-12]			
* Ovary		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 137

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 46803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Moderate
		Nephropathy	Minimal
[Infarct TGLS = 5-6]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 4-5]			
[Hepatocellular Adenoma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-5]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 6-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 138

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

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

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-13, 3-5]		
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	[Angiectasis TGLS = 2-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 139

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,3-12+6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
Lymph Node	Iliac	Ectasia	Moderate
	Renal	Ectasia	Moderate
	[Ectasia TGLS = 5-13]		
	[Ectasia TGLS = 4-6]		
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 140

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic Active, Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 2-12]			
[Lymphoma Malignant TGLS = 4-5]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 1-8]			
* Uterus		Thrombosis	Marked
[Thrombosis TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 141

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 46807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 142

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

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

OBSERVATIONS

* Kidney	Metaplasia	Osseous, Minimal
	Nephropathy	Minimal
* Lung	Lymphoma Malignant	
* Lymph Node, Bronchial	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Ovary	Cyst	Moderate
[Cyst TGLS = 1-8]		
* Spleen	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 143

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* 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
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Capsule	Fibrosis	Minimal
		Nephropathy	Minimal
[Fibrosis TGLS = 1-6]			
* Nose	Olfactory Epi	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 144

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 46810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Harderian Gland
- * Intestine Small, Duodenum
- * Larynx
- * Lymph Node, Mediastinal
- * Pancreas
- * Spleen
- * Trachea

- * Adrenal Medulla
- * Clitoral Gland
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Stomach, Forestomach
- * Urinary Bladder

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Bronchial
- * Mammary Gland
- * Salivary Glands
- * Stomach, Glandular
- * Uterus

- * Bone Marrow
- * Eye
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mandibular
- * Nose
- * Skin
- * Thyroid Gland

MISSING

* Gallbladder

* Parathyroid Gland

* Thymus

OBSERVATIONS

- * Heart
- * Kidney
- * Liver

[Hepatocellular Carcinoma TGLS = 1-12]

* Ovary

- Cardiomyopathy
- Nephropathy
- Hepatocellular Carcinoma

- Minimal
- Minimal

Cystadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 145

TRT#: 2

SEX: Female

DAY ON TEST: 193

DOSE: CONTROL

DISP: Natural Death

HISTO: 46811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Brain

* Harderian Gland

* Intestine Small, Duodenum

* Lung

* Mammary Gland

* Salivary Glands

* Stomach, Glandular

* Urinary Bladder

* Adrenal Medulla

* Clitoral Gland

* Heart

* Islets, Pancreatic

* Lymph Node, Mandibular

* Nose

* Skin

* Thymus

* Uterus

* Bone

* Esophagus

* Intestine Large, Colon

* Larynx

* Lymph Node, Mediastinal

* Pancreas

* Spleen

* Thyroid Gland

* Bone Marrow

* Eye

* Intestine Large, Rectum

* Liver

* Lymph Node, Mesenteric

* Pituitary Gland

* Stomach, Forestomach

* Trachea

MISSING

* Lymph Node, Bronchial

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder

* Intestine Large, Cecum

* Intestine Small, Ileum

* Intestine Small, Jejunum

OBSERVATIONS

* Kidney

Renal Tubule

Necrosis

Moderate

* Ovary

Teratoma Benign

[Teratoma Benign TGLS = 1-8]

PRIMARY CAUSE OF DEATH

- Ovary Teratoma Benign

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 146

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 46812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Harderian Gland		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 147

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 726

HISTO: 46813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney	Renal Tubule	Necrosis	Moderate
* Liver	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 5-5]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-8]		Thrombosis	Marked
[Thrombosis TGLS = 4-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-9]			

PRIMARY CAUSE OF DEATH - Ovary Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 148

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 607

HISTO: 46814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Heart		Carcinoma	Metastatic (Uncertain Primary Site)
* Kidney		Carcinoma	Metastatic (Uncertain Primary Site)
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 5,7-5+12]		
* Lung		Carcinoma	Metastatic (Uncertain Primary Site)
	[Carcinoma TGLS = 1-4]	Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 1-4]		
* Lymph Node, Bronchial		Carcinoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mediastinal		Carcinoma	Metastatic (Uncertain Primary Site)
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 4-15]		
* Pancreas		Carcinoma	Metastatic (Uncertain Primary Site)
Skeletal Muscle		Carcinoma	Metastatic (Uncertain Primary Site)
	[Carcinoma TGLS = 2,3-13+14]		
* Thymus		Carcinoma	Metastatic (Uncertain Primary Site)

PRIMARY CAUSE OF DEATH - Lung Carcinoma Uncertain Primary Site

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 148

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 607
HISTO: 46814

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 149

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4-5]		
	[Hepatocellular Carcinoma TGLS = 3-12]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-13]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 150

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Harderian Gland		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-5]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:18

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 301

TRT#: 3

SEX: Female

DAY ON TEST: 726

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 47067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 4,5,6-12+4]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:18

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 302

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
Note: No Corresponding Lesion TGL 2			
[Hepatocellular Carcinoma TGLS = 3-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 302

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47068

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 303

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Mammary Gland	* Nose
* Ovary	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Gallbladder		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 3,4-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Lymphoma Malignant	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-13]		
	[Lymphoma Malignant TGLS = 5-12]		
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 303	TRT#: 3	SEX: Female	DAY ON TEST: 731
	DOSE: 125 PPM	DISP: Terminal Sacrifice	HISTO: 47069

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 7-7]		
* Pancreas		Lymphoma Malignant
* Pituitary Gland	Pars Distalis	Adenoma
* Salivary Glands		Lymphoma Malignant
* Spleen		Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-5]		
* Thymus		Lymphoma Malignant
* Urinary Bladder		Lymphoma Malignant

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 304

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
		Lymphoma Malignant	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 2,3-4]		
	[Lymphoma Malignant TGLS = 4-4]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 5-8]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin		Inflammation	Chronic Active, Marked
	[Inflammation TGLS = 1-13]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 6-5]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 305

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 555

HISTO: 47071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Clear Cell Focus Eosinophilic Focus Tension Lipidosis	Mild
[Clear Cell Focus TGLS = 2-13]			
[Eosinophilic Focus TGLS = 5-12]			
* Lung	Alveolus Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma Infiltration Cellular Metaplasia	Histiocyte, Minimal Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 4-4]			
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 7-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-5]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 306

TRT#: 3
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 47072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-5]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
Note: No Corresponding Lesion for TGL 6			
[Hepatocellular Carcinoma TGLS = 4,5-4]			
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Atrophy	Minimal
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 307

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Urinary Bladder

OBSERVATIONS

* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-6]			
* Lung	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 308

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Bone | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Gallbladder | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Larynx | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|---|----------------------------|--------------------------------|----------------------|
| * Adrenal Medulla | | Hyperplasia | Moderate |
| * Eye | Cornea | Inflammation | Chronic Active, Mild |
| * Harderian Gland | | Carcinoma | |
| [Carcinoma TGLS = 1-11] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Metaplasia | Osseous, Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| [Hepatocellular Adenoma TGLS = 4,5,6-6+5] | | Hepatocellular Adenoma | Multiple |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Alveolar/Bronchiolar Carcinoma | |
| | | Lymphoma Malignant | |
| | Alveolar Epith, Bronchiole | Metaplasia | Moderate |
| [Alveolar/Bronchiolar Adenoma TGLS = 3-4] | | | |
| [Alveolar/Bronchiolar Carcinoma TGLS = 2-4] | | | |
| * Lymph Node, Bronchial | | Lymphoma Malignant | |
| * Lymph Node, Mediastinal | | Lymphoma Malignant | |
| * Ovary | | Cyst | Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 308

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47074

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Lymphoma Malignant

* Thyroid Gland

Follicular Cel

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 309

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 3-6]		
* Ovary		Cyst	Mild
	[Cyst TGLS = 2-8]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 310

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland		Hyperplasia	Moderate
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 1-5]			
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 311

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 499

HISTO: 47077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 1-6]			
* Liver		Basophilic Focus	
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Islets, Pancreatic Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 312

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 609

HISTO: 47078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Hepatocholangiocarcinoma	Metastatic (Liver)
* Heart		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 5-12]			
* Kidney		Hepatocholangiocarcinoma	Metastatic (Liver)
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hepatocholangiocarcinoma	Mild
[Hepatocellular Adenoma TGLS = 7-5]			
[Hepatocholangiocarcinoma TGLS = 8-12]			
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 3,4-4]			
Lymph Node	Renal	Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 9-13]			
* Lymph Node, Mediastinal		Hepatocholangiocarcinoma	Metastatic (Liver)
Pleura		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 10-13]			
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 312	TRT#: 3 DOSE: 125 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 609 HISTO: 47078
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocholangiocarcinoma TGLS = 2-14]			
* Thymus		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 11-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 6-9]			

PRIMARY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 313

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Bronchiole	Hyperplasia	Minimal
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose	Olfactory Epi	Atrophy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Uterus		Angiectasis	Minimal
[Angiectasis TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 314

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* 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
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-5]		
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Marked
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-6]		
* Nose	Olfactory Epi	Atrophy	Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 315

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mesenteric
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 316

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		
Lymph Node	Lumbar	Angiectasis	Moderate
	[Angiectasis TGLS = 3-6]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 4-12]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Angiectasis	Marked
	[Angiectasis TGLS = 2-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 317

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Eye | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Larynx | * Liver | * Lymph Node, Bronchial |
| * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|----------------------------|----------------------------|-------------|----------------|
| * Adrenal Cortex | | Hyperplasia | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Lung | Alveolar Epith, Bronchiole | Metaplasia | Mild |
| Lymph Node | Lumbar | Hyperplasia | Lymphoid, Mild |
| [Hyperplasia TGLS = 2-6] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 318

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Ovary		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 319

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Mild
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Hemorrhage TGLS = 3-4]			
* Ovary		Cystadenocarcinoma	
[Cystadenocarcinoma TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 320

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mandibular	
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-6]			
* Nose	Olfactory Epi	Atrophy	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-9]			
* Thyroid Gland	Bilateral, Follicular Cel	Carcinoma	
[Carcinoma TGLS = 5-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 320

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47086

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 321

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 623

HISTO: 47087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pituitary Gland	

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3,4-13+12]		
	[Hepatocellular Carcinoma TGLS = 2-14]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Bronchiole	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-15]		
* Nose	Glands, Olfactory Epi	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 322

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

INSUFFICIENT TISSUE

* Larynx

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 2-5]		
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose	Olfactory Epi	Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 323

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 668

HISTO: 47089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Angiectasis Clear Cell Focus Hepatocellular Adenoma	Mild
	[Angiectasis TGLS = 4-12]		
	[Clear Cell Focus TGLS = 3-5]		
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Carcinoma Metaplasia	Multiple Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-4 7- NO CORRESPONDING LESION]		
Lymph Node	Iliac	Ectasia	Mild
	[Ectasia TGLS = 6-12]		
* Ovary		Cyst	Mild
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-5]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 324

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Harderian Gland		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,3-12+4]		
* Mammary Gland		Carcinoma	
	[Carcinoma TGLS = 4-13]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 5-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 325

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2,5-5+12]		
	[Hepatocellular Carcinoma TGLS = 1-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-12]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 325

TRT#: 3
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 47091

ORGAN AND ACCOUNTABLE SITE STATUS

Follicular Cel
Follicular Cel

Adenoma
Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:18

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 326

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 5-11]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Note: No Corresponding Lesion TGL 2			
[Eosinophilic Focus TGLS = 1,3-14+13]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 6-14]			
* Nose	Olfactory Epi	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Suppurative, Moderate
[Hyperplasia TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 326

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47092

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 327

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 636

HISTO: 47093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Heart		Thrombosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Marked
[Necrosis TGLS = 4-5]			
* Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-4]		Thrombosis	Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 328

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
* Kidney	Infarct	Mild
* Liver	Hepatocellular Adenoma	
	Tension Lipidosis	Minimal
[Hepatocellular Adenoma TGLS = 1-5]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia
	Alveolar Epith, Bronchiole	Metaplasia
		Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 329

TRT#: 3

SEX: Female

DAY ON TEST: 687

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 47095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Moderate
* Liver		Necrosis	Mild
[Necrosis TGLS = 2-5]			
* Lung	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 3-12]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 330

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Mild
* Kidney	Cyst	Mild
[Cyst TGLS = 5-6]		
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-5+6+13+14]	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-12]		
* Lung	Alveolar/Bronchiolar Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Carcinoma TGLS = 6-4]	Hepatocellular Carcinoma	
* Pituitary Gland	Pars Distalis	Adenoma
[Adenoma TGLS = 7-9]		
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 331

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 3-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 332

TRT#: 3

SEX: Female

DAY ON TEST: 713

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 47098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 5,6,7-12+5+6]		
	[Hepatocellular Carcinoma TGLS = 8-12]		
* Lung		Alveolar/Bronchiolar Adenoma Hepatocellular Carcinoma	Multiple Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Hepatocellular Carcinoma TGLS = 2-4]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-5]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 333

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 646

HISTO: 47099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Lymph Node, Mediastinal
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 4-6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Skin	Alveolar Epith, Bronchiole		
	Subcut Tiss	Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 2-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-5]		

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 334

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[Clear Cell Focus TGLS = 5-15]		
	[Hepatocellular Adenoma TGLS = 1,2,3-12+13+14]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 4-16]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 335

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Lymph Node, Mandibular	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Tension Lipidosis	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	Fat	Hemorrhage	Marked
Mesentery			
[Hemorrhage TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 336

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 337

TRT#: 3

SEX: Female

DAY ON TEST: 712

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 47103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Harderian Gland	* Lymph Node, Mediastinal
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lung	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	Mesentery	Sarcoma	
	[Sarcoma TGLS = 2-12]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 3-5]		

PRIMARY CAUSE OF DEATH

- Mesentery Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 338

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lung	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Lymphoma Malignant	

[Lymphoma Malignant TGLS = 2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 339

TRT#: 3

SEX: Female

DAY ON TEST: 370

DOSE: 125 PPM

DISP: Natural Death

HISTO: 47105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|------------------------|--------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Colon | * Islets, Pancreatic |
| * Kidney | * Larynx | * Lymph Node, Bronchial | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Uterus | |

MISSING

- * Lymph Node, Mediastinal

AUTO PRECLUDES DIAG.

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Urinary Bladder | |

OBSERVATIONS

- | | | |
|---------|------------|--------|
| * Liver | Necrosis | Marked |
| * Lung | Thrombosis | Mild |
| * Ovary | Thrombosis | Marked |

[Thrombosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

- Ovary Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 340

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Lung	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1,2-12+13]			
* Skin	Subcut Tiss	Hemangiosarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 341

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Minimal
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 2-13]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,4-12+4]		
* Nose	Olfactory Epi	Atrophy	Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 342

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 645

HISTO: 47108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Kidney		Lymphoma Malignant Nephropathy	Minimal
* Liver		Hemangiosarcoma Lymphoma Malignant	
[Hemangiosarcoma TGLS = 3-5+6]			
* Lung		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi Glands, Olfactory Epi	Atrophy Hyperplasia	Minimal Minimal
* Salivary Glands		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-9]			
* Urinary Bladder	Artery	Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 343

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-7]			
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3-5]			
* Lung	Bronchiole	Alveolar/Bronchiolar Adenoma	Marked
	Alveolar Epith, Bronchiole	Hyperplasia	Moderate
		Metaplasia	
		Lymphoma Malignant	
* Lymph Node, Mesenteric			
[Lymphoma Malignant TGLS = 5-6]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-9]			
* Spleen		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 344

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Infarct	Moderate
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
[Hepatocellular Carcinoma TGLS = 2-5+12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Mild
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-8]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Nose	Respirat Epith	Adenoma	Minimal
	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 6-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 344

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47110

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen
[Lymphoma Malignant TGLS = 1-5+13]

Lymphoma Malignant

* Thymus

Lymphoma Malignant

* Urinary Bladder

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 345

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4-12+5]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2-8]		
* Spleen		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 346

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 481

HISTO: 47112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Mineralization	Minimal
* Kidney	Renal Tubule	Necrosis	Mild
		Nephropathy	Mild
* Ovary		Yolk Sac Carcinoma	
	[Yolk Sac Carcinoma TGLS = 1-12]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-5]		

PRIMARY CAUSE OF DEATH

- Ovary Yolk Sac Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 347

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 47113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	

[Lymphoma Malignant TGLS = 1-5+12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 348

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Bronchial
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 349

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-6, 1-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
* Nose	Olfactory Epi	Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 350

TRT#: 3

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Harderian Gland
- * Intestine Large, Rectum
- * Kidney
- * Lymph Node, Mediastinal
- * Ovary
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Adrenal Medulla
- * Clitoral Gland
- * Heart
- * Intestine Small, Ileum
- * Larynx
- * Lymph Node, Mesenteric
- * Pancreas
- * Skin
- * Thymus

- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Jejunum
- * Lymph Node, Bronchial
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone Marrow
- * Eye
- * Intestine Large, Colon
- * Islets, Pancreatic
- * Lymph Node, Mandibular
- * Nose
- * Pituitary Gland
- * Stomach, Forestomach
- * Trachea

MISSING

* Gallbladder

OBSERVATIONS

* Intestine Small, Duodenum
[Carcinoma TGLS = 4-13]

Carcinoma

* Liver
[Hepatocellular Adenoma TGLS = 5,6-5+12]

Hepatocellular Adenoma

Multiple

* Lung
[Alveolar/Bronchiolar Adenoma TGLS = 1-4]

Alveolar Epith, Bronchiole

Alveolar/Bronchiolar Adenoma
Metaplasia

Multiple
Moderate

Lymph Node
[Ectasia TGLS = 3-12]

Lumbar

Ectasia

Moderate

* Uterus
[Hyperplasia TGLS = 2-9]

Endometrium

Hyperplasia

Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 501

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Mammary Gland	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

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

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Mild
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 3-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 502

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* 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, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
		Tension Lipidosis	Mild
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-6]			
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 503

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,3-12+5]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 504

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
[Metaplasia TGLS = 4-4]			
* Nose	Glands, Olfactory Epi	Cyst	
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Skin		Basal Cell Carcinoma	
[Basal Cell Carcinoma TGLS = 5-6]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-5]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 505

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Hepatocellular Adenoma	
[Basophilic Focus TGLS = 1-5]		
[Hepatocellular Adenoma TGLS = 2-5]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Metaplasia	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3,4-4]		
* Ovary	Cyst	Mild
[Cyst TGLS = 5-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 506

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	Skeletal Muscle	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 507

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 687

HISTO: 47023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4-6+5]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4+12]		
* Nose	Respirat Epith	Necrosis	Mild
* Ovary		Cyst	Mild
	[Cyst TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 508

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-13]		
	[Hepatocellular Carcinoma TGLS = 2-5+12]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 5-13]		
* Uterus		Angiectasis	Moderate
	[Angiectasis TGLS = 4-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 509

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
	Mesentery	Necrosis	Mild
	[Necrosis TGLS = 2-12]		
* Nose	Olfactory Epi	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 510

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia
	Alveolar Epith, Bronchiole	Metaplasia
* Uterus	Endometrium	Hyperplasia
		Minimal
		Minimal
		Cystic, Marked
[Hyperplasia TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 511

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Larynx | * Lymph Node, Bronchial |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- * Lymph Node, Mediastinal

OBSERVATIONS

- | | | | |
|---|----------------------------|--------------------------------|---------|
| * Kidney | Capsule | Fibrosis | Mild |
| [Fibrosis TGLS = 2-6] | | | |
| * Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 1-12] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Alveolar/Bronchiolar Carcinoma | |
| | Alveolar Epith, Bronchiole | Metaplasia | Mild |
| [Alveolar/Bronchiolar Carcinoma TGLS = 5-4] | | | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 4-13] | | | |
| * Nose | Olfactory Epi | Necrosis | Minimal |
| * Ovary | | Cyst | Mild |
| [Cyst TGLS = 3-8] | | | |
| * Pituitary Gland | Pars Distalis | Angiectasis | Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 512

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 2,3-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal
* Uterus		Leiomyoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 513

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Tension Lipidosis	Minimal
	[Eosinophilic Focus TGLS = 3-13]		
	[Hepatocellular Adenoma TGLS = 4-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 514

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 495

HISTO: 47030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Heart		Mineralization	Mild
* Kidney		Histiocytic Sarcoma	
		Nephropathy	Mild
* Liver		Histiocytic Sarcoma	
		Necrosis	Moderate
[Histiocytic Sarcoma TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
	Alveolar Epith, Bronchiole	Metaplasia	Minimal
* Lymph Node, Bronchial		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mediastinal		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Cyst	Mild
[Cyst TGLS = 1-8]			
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-5]			
* Stomach, Forestomach		Hemorrhage	Mild
[Hemorrhage TGLS = 4-6]			
* Thymus		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 514

TRT#: 5
DOSE: 250 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 495
HISTO: 47030

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 515

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland

OBSERVATIONS

* Gallbladder		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Tension Lipidosis	Minimal
	Bronchiole	Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Hyperplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 2,3-4]	Metaplasia	Marked
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-8]		
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Marked
	[Cyst TGLS = 5-8]		
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-5+12]		
* Stomach, Glandular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 515

TRT#: 5
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 47031

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 516

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Eye		Cataract	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-12+13]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 517

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47033

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	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-11]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-11]			
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 7-13]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2,3-4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 6-12]			
* Ovary		Cyst	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 517

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47033

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 518

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1,2-13+12]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Mild
[Hepatocellular Carcinoma TGLS = 3-4]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 519

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 520

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 694

HISTO: 47036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 3-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:18

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 521

TRT#: 5

SEX: Female

DAY ON TEST: 687

DOSE: 250 PPM

DISP: Natural Death

HISTO: 47037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

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

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 2,3-4]		
Lymph Node	Renal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-6]		
* Lymph Node, Mediastinal		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal
		Inflammation	Suppurative, Minimal
Pleura		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-12]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 521

TRT#: 5
DOSE: 250 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 687
HISTO: 47037

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-9]

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 522

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Tension Lipidosis	Mild
	[Tension Lipidosis TGLS = 3-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 523

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic [Carcinoma TGLS = 3-6]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 1,2-5+6]		Hepatocellular Adenoma	Multiple
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 4-4]	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma Metaplasia	Marked
* Nose	Olfactory Epi	Necrosis	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 524

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2,3,7-12+6+5]		
	[Hepatocellular Carcinoma TGLS = 1-13]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 4,5-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-4]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 6-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 525

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 509

HISTO: 47041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Clitoral Gland	* Lymph Node, Bronchial
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OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Brain		Necrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-5]			
* Lung		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Minimal
	Alveolar Epith, Bronchiole	Metaplasia	Minimal
Lymph Node		Histiocytic Sarcoma	
Note: Lymph node with no site listed was axillary lymph node.			
[Histiocytic Sarcoma TGLS = 3-6]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-8]			
* Lymph Node, Mediastinal		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-3]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-7]			
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 525	TRT#: 5 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 509 HISTO: 47041
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Histiocytic Sarcoma TGLS = 5-5]		Histiocytic Sarcoma	
* Thymus		Histiocytic Sarcoma	
* Urinary Bladder		Histiocytic Sarcoma	
* Uterus [Hyperplasia TGLS = 6-9]	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:18

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 526

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 7-5]		
	[Hepatocellular Carcinoma TGLS = 4-12]		
* Lung		Alveolar/Bronchiolar Carcinoma Hepatocellular Carcinoma Metaplasia	Metastatic (Liver) Moderate
	Alveolar Epith, Bronchiole		
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-4]		
Lymph Node	Axillary	Hemangiosarcoma	Metastatic (Spleen)
	Note: Lymph node with no site listed was axillary lymph node.		
	[Hemangiosarcoma TGLS = 1-6]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLS = 5-8]		
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 2,3-5+13]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 527

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-4]	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 528

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 529

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 47045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* 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, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

* Bone		Hemangiosarcoma	
* Bone Marrow		Hemangiosarcoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 7-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 1,6-4]			
Lymph Node	Lumbar	Ectasia	Moderate
[Ectasia TGLS = 8-6]			
* Nose		Hemangiosarcoma	
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-9]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 5-5]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 529

TRT#: 5
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 47045

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 2-9]	Endometrium	Hyperplasia	Cystic, Marked
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 530

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose	Glands, Olfactory Epi	Hyperplasia	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-9]			
* Uterus	Bilateral	Polyp Stromal	
[Polyp Stromal TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 531

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Larynx	* Mammary Gland	* Nose
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Small, Jejunum [Lymphoma Malignant TGLS = 5-13]		Lymphoma Malignant	
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
Note: No Corresponding Lesion TGL 1			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma Metaplasia	Multiple Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-12]		
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
* Spleen		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-9]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 531

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47047

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 532

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-12]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 533

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
Mesentery		Hemangiosarcoma	
	Fat	Necrosis	Mild
	[Hemangiosarcoma TGLS = 1-6]		
	[Necrosis TGLS = 1-6]		
* Pituitary Gland	Pars Distalis	Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 534

TRT#: 5

SEX: Female

DAY ON TEST: 673

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 47050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

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

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-12]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-5]			

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 535

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 618

HISTO: 47051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* 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, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 4-3]			
* Heart		Cardiomyopathy	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
[Hepatoblastoma TGLS = 3-5]			
[Hepatocellular Adenoma TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-5]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 536

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 537

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 709

HISTO: 47053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Eye	Cornea	Inflammation	Acute, Minimal
* Kidney		Nephropathy	Moderate
* Liver		Necrosis	Mild
	[Necrosis TGLS = 6-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-4]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Inflammation	Chronic Active, Moderate
	[Inflammation TGLS = 3-12]		
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 7-9]		
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 537

TRT#: 5

SEX: Female

DAY ON TEST: 709

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 47053

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Epithelium

Hyperplasia

Mild

Ulcer

Moderate

* Thyroid Gland

Follicular Cel

Hyperplasia

Marked

* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 4-9]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 538

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Gallbladder
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2,3,6-5+6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Luteoma	
	[Luteoma TGLS = 7-8]		
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	[Angiectasis TGLS = 1-9]		
* Uterus	Endometrium	Carcinoma	
	[Carcinoma TGLS = 5-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 539

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Pheochromocytoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Mild
[Necrosis TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Minimal
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 3,4,5-4]			
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 7-9]			
* Urinary Bladder	Transit Epithe	Carcinoma	
		Inflammation	Chronic Active, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 6-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 540

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Lung	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 541

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 703

HISTO: 47057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 1,2-5+12+13]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Mild
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 3-13]		
* Nose		Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 542

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Ovary		Cystadenocarcinoma	
[Cystadenocarcinoma TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 543

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 651

HISTO: 47059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-12]		
* Lung	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-6]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Ovary		Cyst	Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 544

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 4-12]		
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Skin	Subcut Tiss	Hemangiosarcoma	
	Subcut Tiss	Sarcoma	
	[Hemangiosarcoma TGLS = 3-12]		
	[Sarcoma TGLS = 2-13]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:18

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 545

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 47061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
Lymph Node	Lumbar	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-13]		
	[Lymphoma Malignant TGLS = 4-12]		
	[Lymphoma Malignant TGLS = 3-6]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-3]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-5]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 546

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 639

HISTO: 47062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Heart		Inflammation	Chronic, Mild
[Inflammation TGLS = 2-6]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3-4]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

- Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 547

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-5]			
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Moderate
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pancreas		Atrophy	Moderate
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 548

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-12+5]		
* Lung	Alveolar Epith, Bronchiole	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 3-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 549

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 47065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,4,5-12+4]		
* Nose		Olfactory Epi	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland		Pars Distalis	Mild
* Uterus		Endometrium	Cystic, Marked
	[Hyperplasia TGLS = 3-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 550

TRT#: 5

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 47066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Ovary		Cyst	Mild
[Cyst TGLS = 1-8]			
* Stomach, Glandular		Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 701

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Gallbladder	* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Eye	Cornea	Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Ovary		Cyst	Mild
	[Cyst TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 702

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 513

HISTO: 46918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Alveolar/Bronchiolar Carcinoma Cardiomyopathy	Metastatic (Lung) Minimal
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Minimal
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma Alveolar/Bronchiolar Carcinoma	Metastatic (Lung) Metastatic (Lung)
	Alveolar Epith, Bronchiole	Metaplasia	Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]		
* Lymph Node, Mediastinal		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]		
Pleura		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-6]		
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Trachea		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 703

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 46919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-13]		
	[Hepatocellular Carcinoma TGLS = 1-5+12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Ovary		Cyst	Mild
	[Cyst TGLS = 3-8]		
* Pancreas		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 704

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx		Squamous Cell Papilloma	
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 6,7,8-5+6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
		Lymphoma Malignant	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 5,10-4+13]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]		
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-3]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1,2-5+12]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:18
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 704

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46920

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 9-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 705

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Clitoral Gland	* Gallbladder
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OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-11]			
* Liver		Eosinophilic Focus	
[Hepatocellular Carcinoma TGLS = 1-5+12]		Hepatocellular Carcinoma	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Adenoma TGLS = 5-13]			
[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 706

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Esophagus		Squamous Cell Carcinoma	
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-5+12]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Hemangioma	
[Hemangioma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-5]			
* Stomach, Glandular		Necrosis	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:18

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 707

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Lymphoma Malignant	
[Alveolar/Bronchiolar Adenoma TGLS = 6,7-4+12]		Metaplasia	Moderate
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-13]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-12]			
[Lymphoma Malignant TGLS = 4-14]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 708

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 5-12]		
	[Hepatocellular Adenoma TGLS = 4-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-4]		
* Nose		Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Minimal
	Glands, Olfactory Epi		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 709

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 712

HISTO: 46925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLS = 3-12]		
	[Lymphoma Malignant TGLS = 4,5-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Lymphoma Malignant	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 2,7,8-4+13]		
Lymph Node	Lumbar	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-13]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-6]		
* Spleen		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 710

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 702

HISTO: 46926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Eye	Cornea, Epithelium	Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Tension Lipidosis	Minimal
	[Hepatocellular Adenoma TGLS = 2-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 3,6,4,5-12+4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 711

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 1,2-12+5]		
	[Hepatocellular Carcinoma TGLS = 3-13]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 4,9-4+12]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 4,5-4]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 8-13]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Angiectasis	Moderate
		Thrombosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 711

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46927

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 6,7-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 712

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Brain

* Gallbladder

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lymph Node, Bronchial

* Mammary Gland

* Parathyroid Gland

* Spleen

* Thyroid Gland

* Adrenal Medulla

* Clitoral Gland

* Harderian Gland

* Intestine Large, Rectum

* Islets, Pancreatic

* Lymph Node, Mandibular

* Nose

* Pituitary Gland

* Stomach, Forestomach

* Trachea

* Bone

* Esophagus

* Heart

* Intestine Small, Duodenum

* Kidney

* Lymph Node, Mediastinal

* Ovary

* Salivary Glands

* Stomach, Glandular

* Urinary Bladder

* Bone Marrow

* Eye

* Intestine Large, Cecum

* Intestine Small, Ileum

* Larynx

* Lymph Node, Mesenteric

* Pancreas

* Skin

* Thymus

* Uterus

OBSERVATIONS

* Liver

Clear Cell Focus

Eosinophilic Focus

Tension Lipidosis

Alveolar/Bronchiolar Adenoma

Metaplasia

Mild

Multiple

Marked

* Lung

Alveolar Epith, Bronchiole

[Alveolar/Bronchiolar Adenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 713

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Marked
[Hyperplasia TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 714

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 46930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-5+12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 3,4-4]		
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Necrosis	Mild
* Pancreas		Atrophy	Moderate
* Uterus		Polyp Stromal	
		Thrombosis	Mild
	[Polyp Stromal TGLS = 5-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:19

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 715

TRT#: 7

SEX: Female

DAY ON TEST: 677

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Liver		Eosinophilic Focus Ito Cell Tumor Benign	
	[Eosinophilic Focus TGLS = 7-12] [Ito Cell Tumor Benign TGLS = 4-5]		
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Hyperplasia Infiltration Cellular Metaplasia	Multiple Mild Histiocyte, Marked Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 6-4] [Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Ovary		Cyst	Marked
	[Cyst TGLS = 3-8]		
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLS = 2-9]		

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:19

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 716

TRT#: 7

SEX: Female

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-11]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 7-5]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 2-4]			
[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]			
* Nose	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Necrosis	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 5-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 716

TRT#: 7

SEX: Female

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46932

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 717

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 726

HISTO: 46933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Eye		Cataract	Minimal
	Cornea	Inflammation	Chronic Active, Moderate
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-11]			
* Kidney		Inflammation	Suppurative, Minimal
	Renal Tubule	Necrosis	Moderate
[Necrosis TGLS = 4-6]			
* Larynx		Inflammation	Suppurative, Moderate
* Liver		Necrosis	Minimal
[Necrosis TGLS = 3-5]			
* Lung		Foreign Body	
		Inflammation	Suppurative, Minimal
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Nose	Olfactory Epi	Hyperplasia	Atypical, Minimal
		Inflammation	Suppurative, Mild
* Ovary		Thrombosis	Marked
[Thrombosis TGLS = 1-8]			
* Stomach, Forestomach	Epithelium	Erosion	Minimal
		Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 717	TRT#: 7	SEX: Female	DAY ON TEST: 726
	DOSE: 500 PPM	DISP: Moribund Sacrifice	HISTO: 46933

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 6-12]

* Trachea	Inflammation	Suppurative, Mild
* Uterus	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH - Ovary Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 718

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Lymph Node, Mediastinal		Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLS = 1-3]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 4-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 719

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-6]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 6-5]		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4,5,7-12+5]			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-4]		Metaplasia	Marked
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Hyperplasia	Atypical, Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:19

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 720

TRT#: 7

SEX: Female

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Gallbladder
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Erythrophagocytosis	Moderate
		Hepatocellular Carcinoma	
	[Erythrophagocytosis TGLS = 6-5]		
	[Hepatocellular Carcinoma TGLS = 5-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 4-6]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,3-4]		
* Nose	Respirat Epith	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 721

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

INSUFFICIENT TISSUE

* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-8]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 722

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 718

HISTO: 46938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 5-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Marked
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,3-12+4]		
	[Infiltration Cellular TGLS = 4-4]		
* Lymph Node, Mediastinal		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-13]		
* Nose		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 723

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 679

HISTO: 46939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Harderian Gland	* Heart	* Islets, Pancreatic
* Larynx	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pituitary Gland	* Stomach, Glandular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Lung		Lymphoma Malignant	
	Alveolar Epith, Bronchiole	Metaplasia	Mild
Lymph Node	Lumbar	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-12]			
[Lymphoma Malignant TGLS = 5-13]			
[Lymphoma Malignant TGLS = 6-12]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3+4]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 723	TRT#: 7 DOSE: 500 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 679 HISTO: 46939
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 724

TRT#: 7
DOSE: 500 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 46940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLS = 3,4-5+6]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-9]		
* Salivary Glands		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 724

TRT#: 7
DOSE: 500 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 46940

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 725

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
	Hypertrophy	Minimal
* Kidney	Infarct	Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-5]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
* Mammary Gland	Fibroadenoma	
[Fibroadenoma TGLS = 1-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 726

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2,3-5+6]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 5-4, 7-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 8-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
		Hemangioma	
	Olfactory Epi	Hyperplasia	Atypical, Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Moderate
* Ovary		Cystadenoma	
	[Cystadenoma TGLS = 4-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 727

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 701

HISTO: 46943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 3,4-12+4]		
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
* Ovary		Lymphoma Malignant	
* Pancreas		Atrophy	Moderate
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-9]		

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 728

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 46944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Larynx	* Lymph Node, Bronchial
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 5-5]		
	[Mixed Cell Focus TGLS = 4-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 1,2-4]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 3-6]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 728

TRT#: 7

SEX: Female

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46944

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 729

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 46945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Cyst	Moderate
		Hepatocellular Adenoma	
		Tension Lipidosis	Minimal
	[Cyst TGLS = 8-5]		
	[Hepatocellular Adenoma TGLS = 7-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 3-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-4]		
Lymph Node	Lumbar	Ectasia	Marked
	[Ectasia TGLS = 6-12]		
* Nose	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-9]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 729

TRT#: 7

SEX: Female

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46945

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 730

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLS = 3-13]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-12]		
	[Infiltration Cellular TGLS = 4,5-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 1-5]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 730

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46946

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 731

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Marked
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 4-13]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 732

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-12]			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma	Multiple
		Metaplasia	Marked
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-5]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 733

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Brain	Meninges	Infiltration Cellular	Mononuclear CI, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 2,5-4+12]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 4-13]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Angiectasis	Marked
	[Angiectasis TGLS = 3-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 733

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46949

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:19

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 734

TRT#: 7

SEX: Female

DAY ON TEST: 662

DOSE: 500 PPM

DISP: Natural Death

HISTO: 46950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular	Necrosis	Moderate
	[Hepatocellular Adenoma TGLS = 4-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 6-12]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-4]		
	[Hyperplasia TGLS = 5-6]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Skin	Subcut Tiss	Sarcoma	
	[Sarcoma TGLS = 1-13]		
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 3-9]		

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 735

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,4-5]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 736

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

INSUFFICIENT TISSUE

* Ovary	* Pituitary Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-12]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Marked
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-6]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:19

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 737

TRT#: 7

SEX: Female

DAY ON TEST: 691

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,2,3-4]		
* Mammary Gland		Hyperplasia	Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Hyperplasia	Atypical, Minimal
		Inflammation	Suppurative, Mild
	Turbinates	Necrosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-9]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 738

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 702

HISTO: 46954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 4-5+13]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Marked
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,2,3-4+12]		
* Nose		Olfactory Epi	Minimal
		Glands, Olfactory Epi	Minimal
		Olfactory Epi	Atypical, Minimal

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:19

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 739

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4-5]		
	[Hepatocellular Carcinoma TGLS = 3-12]		
* Lung	Alveolar Epith, Bronchiole	Metaplasia	Mild
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Necrosis	Minimal
* Ovary		Cyst	Moderate
		Cystadenoma	
	[Cyst TGLS = 2-8]		
	[Cystadenoma TGLS = 2-8]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 739

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46955

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 740

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 46956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Mild
		[Cyst TGLS = 2-8]	
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 1-9]	
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 741

TRT#: 7
DOSE: 500 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 731
HISTO: 46957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Harderian Gland		Adenoma Carcinoma	
[Adenoma TGLS = 2-11]			
[Carcinoma TGLS = 2-11]			
* Heart		Carcinoma	Metastatic (Uncertain Primary Site)
[Carcinoma TGLS = 3-5]			
* Kidney		Carcinoma	Metastatic (Uncertain Primary Site)
[Carcinoma TGLS = 7,8-6+12]			
* Liver		Eosinophilic Focus Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-12]			
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Carcinoma	Multiple Metastatic (Uncertain Primary Site)
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]			
[Carcinoma TGLS = 5,10-4]			
* Lymph Node, Bronchial		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Uncertain Primary Site)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 741

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 500 PPM

DISP: Natural Death

HISTO: 46957

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Glands, Olfactory Epi Olfactory Epi	Hyperplasia Hyperplasia	Minimal Atypical, Minimal
* Ovary		Carcinoma	Metastatic (Uncertain Primary Site)
Pleura		Carcinoma	Metastatic (Uncertain Primary Site)
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-13]			
* Stomach, Forestomach		Ulcer	Moderate
* Thyroid Gland		Carcinoma	Metastatic (Uncertain Primary Site)
	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 9-9]			

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 742

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 672

HISTO: 46958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic Active, Mild
* Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-11]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma	Multiple
	Fat	Metaplasia	Marked
Mesentery		Necrosis	Mild
[Necrosis TGLS = 1-6]			
* Nose	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Hyperplasia	Atypical, Minimal

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 743

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 46959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLS = 2-5]		
	[Hepatocellular Adenoma TGLS = 1-12]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 3,5-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-5]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 744

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Marked
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]		
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 745

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

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

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Bronchiole	Hyperplasia	Mild
	Alveolar Epith, Bronchiole	Metaplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-4]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 746

TRT#: 7

SEX: Female

DAY ON TEST: 718

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Intestine Large, Rectum	* Islets, Pancreatic	* Larynx	* Mammary Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

MISSING

* Clitoral Gland	* Gallbladder	* Lymph Node, Mandibular
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INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Bone Marrow	Lymphoma Malignant	
* Eye	Lymphoma Malignant	
* Harderian Gland	Lymphoma Malignant	
* Heart	Lymphoma Malignant	
* Intestine Large, Cecum	Lymphoma Malignant	
* Intestine Large, Colon	Lymphoma Malignant	
* Intestine Small, Duodenum	Lymphoma Malignant	
* Intestine Small, Ileum	Lymphoma Malignant	
* Intestine Small, Jejunum	Lymphoma Malignant	
* Kidney	Lymphoma Malignant	
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Lymphoma Malignant	

[Eosinophilic Focus TGLS = 3-5]

[Hepatocellular Adenoma TGLS = 4-5]

* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar/Bronchiolar Carcinoma	
	Lymphoma Malignant	

	Alveolar Epith, Bronchiole	Moderate
* Lymph Node, Bronchial	Metaplasia	
* Lymph Node, Mediastinal	Lymphoma Malignant	
	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 746

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 718

HISTO: 46962

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-8]	Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-5]		
* Stomach, Forestomach		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-9]		
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Angiectasis	Mild
	[Angiectasis TGLS = 5-9]	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-9]		

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 747

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 565

HISTO: 46963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

MISSING

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

* Kidney		Lymphoma Malignant Nephropathy	Marked
[Nephropathy TGLS = 1-6]			
* Lung	Alveolar Epith, Bronchiole	Alveolar/Bronchiolar Adenoma Metaplasia	Multiple Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 3,4-4]			
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/15/2014

Time Report Requested: 12:37:19

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 748

TRT#: 7

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 46964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Lymph Node, Mediastinal

INSUFFICIENT TISSUE

* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Tension Lipidosis	Mild
	[Eosinophilic Focus TGLS = 1-5 2-NO CORRESPONDING LESION]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Moderate
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 3-12]		
* Nose		Olfactory Epi	Basal Cell, Minimal
		Olfactory Epi	Atypical, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 4-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:19

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 749

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Eye		Cataract	Marked
		Degeneration	Marked
	[Degeneration TGLS = 1-11]		
* Harderian Gland		Carcinoma	
	[Carcinoma TGLS = 2-11]		
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 6-12]		
	[Hepatocellular Carcinoma TGLS = 5-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Ovary		Cyst	Marked
	[Cyst TGLS = 4-8]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 749

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 46965

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/15/2014

Test Type: CHRONIC

Test Compound: Cumene

Time Report Requested: 12:37:19

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

ANIMAL ID: 750

TRT#: 7

SEX: Female

DAY ON TEST: 687

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 46966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4-5]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith, Bronchiole	Metaplasia	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 1-4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-6]			
* Nose	Glands, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
	Turbinat	Necrosis	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96011-06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Cumene
CAS Number: 98-82-8

Date Report Requested: 10/15/2014
Time Report Requested: 12:37:19
First Dose M/F: NA / NA
Lab: BNW

**** END OF REPORT ****