

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

C Number:	C56177
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	03/07/1989

Experiment Number: 05005-08
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 4-24			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Mild
[Hepatocellular Carcinoma TGLS = 3-23]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Skin	Subcut Tiss	Fibrosis	Focal, Mild
	Epidermis	Hyperplasia	Focal, Mild
[Fibrosis TGLS = 1-11]			
[Hyperplasia TGLS = 1-11]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
Stomach	Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 730
DOSE: VEHICLE CONTROL **DISP:** Terminal Sacrifice **HISTO:** A85-1621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 4-6]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosis	Focal, Mild
	Epidermis	Hyperplasia	Focal, Mild
[Fibrosis TGLS = 1-11]			
[Hyperplasia TGLS = 1-11]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 666
	DOSE: VEHICLE CONTROL	DISP: Moribund	HISTO: A85-1622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Blood		Leukocytosis	
[Leukocytosis TGLS = 1-61]			
Bone Marrow		Hyperplasia	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 4-6.1			
Skin	Subcut Tiss	Edema	Focal, Mild
	Subcut Tiss	Fibrosarcoma	
Note: EDEMA TGLs = 3-12			
[Fibrosarcoma TGLS = 2-11]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Cyst	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 518
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A83-29291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Mammary Gland
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OBSERVATIONS

Liver		Hemangioma	
Note: LIVER: TGL 7 ON SLIDE IV			
Note: HEMANGIOMA TGLs = 7			
Mammary Gland			
Note: ADENOCARCINOMA IS ON SLIDE 12			
Preputial Gland		Inflammation	Subacute, Marked
Note: PREPUTIAL GL: TGL 3 ON SLIDE III			
[Inflammation TGLS = 3]			
Skin	Subcut Tissue	Fibrosis	Focal, Mild
Note: SKIN: TGL 1 ON SLIDE I			
Note: FIBROSIS TGLs = 1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Penis		Fibrosarcoma	
[Fibrosarcoma TGLS = 3-12]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Skin	Subcut Tiss	Fibrosis	Focal, Mild
[Fibrosis TGLS = 1-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Liver
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 580
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A83-30334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Ileum	Mammary Gland
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OBSERVATIONS

Liver		Hepatocellular Carcinoma	
Note: LIVER: TGL 3 ON SLIDE I [Hepatocellular Carcinoma TGLS = 3]			
Preputial Gland	Duct	Cyst	
Note: PREPUTIAL GL: TGL 1 ON SLIDE 7B Note: CYST TGLs = 1			
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4 Note: TGL 4 ON SLIDE 5B.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone		Arthrosis	Chronic, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Multifocal, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 2-6]			
Skin	Subcut Tiss	Fibrosis	Focal, Moderate
[Fibrosis TGLS = 1-11]			
Stomach	Glandular	Mineralization	Mild
Thymus		Cyst	
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 622

DOSE: VEHICLE CONTROL

DISP: Dead

HISTO: A85-1628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	Multiple, Two
[Hepatocellular Carcinoma TGLS = 1-11,2-12]			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Moderate
Stomach	Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Bone		Arthrosis	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7.1]			
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 375
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A83-28069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Mineralization	Multifocal, Mild
Note: MINERALIZATION	TGLs = 3-2		
Liver		Vacuolization Cytoplasmic	Diffuse, Moderate
Note: VACUOLIZ CYTO	TGLs = 2-5		
Lung		Infiltration Cellular	Histiocyte, Multifocal, Moderate
Lymph Node	Mesenteric	Angiectasis	Marked
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Moderate
Liver		Hepatoblastoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		[Hepatocellular Carcinoma TGLS = 1-21]	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	Follicle	Cyst	Cystic, Minimal
	Follicle	Degeneration	Minimal
Tooth		Dysplasia	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Accessory Adrenal Cortical Nodule	Mild
Bone Marrow		Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIOECTASIS TGLs = 4-6			
Preputial Gland		Inflammation	Subacute, Marked
Note: INFLAMMATION TGLs = 2-12			
Prostate		Inflammation	Subacute, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Moderate
Note: DILATATION TGLs = 3-7.1			
Skin	Subcut Tiss	Fibrosis	Focal, Minimal
[Fibrosis TGLS = 1-11]			
Spleen		Lymphoma Malignant Mixed	
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: VEHICLE CONTROL	DISP: Moribund	HISTO: A83-28625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
Note: LIVER: TGL 2 ON SLIDE I			
Note: HEPATOCLR CARC TGLs = 2			
Lymph Node	Mesenteric	Angiectasis	Marked
Note: LYMPH NODE: TGL 1 ON SLIDE 6B			
[Angiectasis TGLs = 1]			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Skin	Stomach - Forestomach
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Coagulating Gland [Dilatation TGLS = 2-7]		Dilatation	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver [Focal Cellular Change TGLS = 4-12+4]		Focal Cellular Change	Multiple
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
		[Angiectasis TGLS = 3-6]	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Mild
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Glandular	Mineralization	Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 1-7]			
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Skin	Subcut Tiss	Fibrosis	Focal, Moderate
Note: FIBROSIS TGLs = 1-11			
Spleen		Hyperplasia	Lymphoid, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Multifocal, Mild
Note: [ALV BRON ADEN] TGLs = 6-6			
			[Alveolar/Bronchiolar Carcinoma TGLS = 4-23]
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
			[Hyperplasia TGLS = 2-7]
Preputial Gland		Inflammation	Subacute, Marked
			[Inflammation TGLS = 3-12]
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Liver		Necrosis	Focal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: VEHICLE CONTROL	DISP: Moribund	HISTO: A83-28626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney	Nephropathy	Chronic, Mild
Skin	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1		
Note: SKIN: TGL 1 ON SLIDE I		
Spleen	Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	Follicle Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone		Arthrosis	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-22			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosis	Focal, Mild
	Epidermis	Hyperplasia	Focal, Mild
Note: FIBROSIS TGLs = 1-11 [Hyperplasia TGLs = 1-11]			
Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 121
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A82-26211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Small - Duodenum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Brain	Intestine Large - Rectum	Nose	Pituitary Gland
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AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Lung	Congestion	Moderate
[Congestion TGLS = 5-4]		
Skin	Ulcer	Focal, Mild
Note: SKIN: TGL 6 ON SLIDE I		
[Ulcer TGLS = 6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 611
	DOSE: VEHICLE CONTROL	DISP: Moribund	HISTO: A85-1642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 6-4			
Salivary Glands		Fibrosarcoma	Extension (Skin), Metastatic (Skin)
Note: FIBROSARC TGLs = 3-4			
Skin	Subcut Tiss	Fibrosarcoma	Multiple
	Subcut Tiss	Fibrosis	Focal, Mild
	Epidermis	Hyperplasia	Focal, Mild
	Epidermis	Inflammation	Suppurative, Acute, Focal, Mild
Note: FIBROSARC TGLs = 4-12,5-13			
[Fibrosis TGLS = 1-11]			
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
Spleen		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
		[Hepatocellular Carcinoma TGLS = 2-21]	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Marked
		[Hyperplasia TGLS = 1-8]	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Fibrosarcoma	Metastatic (Spleen)
	Mediastinal	Hyperplasia	Lymphoid, Marked
[Fibrosarcoma TGLS = 3-12]			
[Hyperplasia TGLS = 5-3]			
Spleen		Fibrosarcoma	
[Fibrosarcoma TGLS = 2-11]			
Stomach	Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-5]			
Thyroid Gland	Follicle	Cyst	
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Fibrosis	Focal, Mild
			[Fibroma TGLS = 1-21] [Fibrosis TGLS = 2-11]
Thymus		Cyst	
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 719
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A85-1646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Glandular
Testes	Thymus	Trachea	

MISSING

Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney	Renal Tubule	Mineralization	Multifocal, Mild
Liver		Squamous Cell Carcinoma	Metastatic (Stomach)
Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-6]			
Lymph Node	Pancreatic	Squamous Cell Carcinoma	Metastatic (Stomach)
Skin	Subcut Tiss	Fibrosis	Focal, Mild
[Fibrosis TGLS = 1-11]			
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: TGL 2-12 SEROSAL LESIONS EXTENSION FROM STOMACH.			
[Squamous Cell Carcinoma TGLS = 2-12,3-12]			
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Metaplasia	Osseous, Focal, Mild
			[Fibroma TGLS = 1-21]
			[Metaplasia TGLS = 1-21]
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 730
DOSE: VEHICLE CONTROL **DISP:** Terminal Sacrifice **HISTO:** A85-1648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Nose	Pancreas	Parathyroid Gland
Prostate	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma Hemorrhage	Focal, Mild
Note: HEMORRHAGE TGLs = 4-6 Note: [ALV BRON ADEN] TGLs = 3-6			
Lymph Node	Mesenteric Mandibular	Angiectasis Hyperplasia	Mild Lymphoid, Mild
Ovary			
Note: OVARY: ABSCESS ALSO ON SLIDE III			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss Epidermis	Fibrosis Hyperplasia	Focal, Mild Focal, Mild
[Fibrosis TGLS = 1-11] [Hyperplasia TGLS = 2-11]			
Thyroid Gland	Follicle Follicle	Cyst Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Spleen	Stomach - Forestomach	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
[Angiectasis TGLS = 4-6]			
[Hyperplasia TGLS = 4-6]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Fibrosarcoma	
[Fibroma TGLS = 2-11]			
[Fibrosarcoma TGLS = 1-21]			
Stomach	Glandular	Inflammation	Subacute, Mild
Thymus		Cyst	
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Metaplasia	Osseous, Focal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Minimal
		Focal Cellular Change	
Note: [FOCAL CELL CH] TGLs = 3-23			
Lymph Node	Mesenteric	Angiectasis	Moderate
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 2-12]			
Stomach	Glandular	Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 703

DOSE: VEHICLE CONTROL

DISP: Dead

HISTO: A85-1651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hemangiosarcoma	
Heart		Hemangiosarcoma	
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-12]			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 4-6]			
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-11]			
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-23]			
Mesentery		Inflammation	Granulomatous, Multifocal, Mild
Note: MESENTERY: INFLAMMATION IS ON SLIDE 6			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Skin	Subcut Tiss	Hemangiosarcoma	
	Subcut Tiss	Inflammation	Granulomatous, Multifocal, Mild
Note: SKIN: INFLAMMATION IS ON SLIDE 7			
Note: HEMANGIOSARC TGLs = 2-11			
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
[Hemangiosarcoma TGLS = 3-8]			
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1652

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
		Hepatocellular Adenoma	
Note: LIVER: FOCAL CELL CH ON SLIDE 4 [Hepatocellular Adenoma TGLS = 3-22]			
Preputial Gland		Inflammation	Subacute, Marked
[Inflammation TGLS = 2-12]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Marked
Thymus		Cyst	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Mild
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Multifocal, Moderate
Note: [ALV BRON ADEN] TGLs = 3-6 [Alveolar/Bronchiolar Carcinoma TGLS = 2-22]			
Stomach	Forestomach Forestomach	Hyperplasia Ulcer	Mild Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 662

DOSE: VEHICLE CONTROL

DISP: Dead

HISTO: A85-1655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mandibular	Nose	Pancreas
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Lung		Congestion	Mild
		Lymphoma Malignant Mixed	
[Congestion TGLS = 9-6]			
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-12]			
[Lymphoma Malignant Mixed TGLS = 7-13]			
[Lymphoma Malignant Mixed TGLS = 5-11]			
Mesentery		Lymphoma Malignant Mixed	
Note: MESENTERY: LESION ON SLIDE 3			
Prostate		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-7]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-8]			
Thymus		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-14]			
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 662

DOSE: VEHICLE CONTROL

DISP: Dead

HISTO: A85-1655

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37	TRT#: 1	SEX: Male	DAY ON TEST: 2
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A82-24747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland	Thyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Skin	Subcut Tiss	Hemorrhage	Focal, Moderate
Note: SKIN: TGL 1 ON SLIDE I			
Note: HEMORRHAGE TGLs = 1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Liver
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Arthrosis	Chronic, Mild
Kidney	Nephropathy	Chronic, Minimal
Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-6]		
Salivary Glands	Infiltration Cellular	Lymphocyte, Multifocal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Coagulating Gland [Dilatation TGLS = 2-7+7.1]		Dilatation	Moderate
Islets, Pancreatic		Adenoma	
Kidney		Pigmentation	Hemosiderin, Minimal
Lung [Alveolar/Bronchiolar Adenoma TGLS = 4-6]		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Lymph Node	Mesenteric	Nephropathy	Chronic, Minimal
	Mandibular	Alveolar/Bronchiolar Adenoma	
	Mesenteric	Angiectasis	Minimal
[Angiectasis TGLS = 3-6]		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-6]		Hyperplasia	Lymphoid, Moderate
Mesentery Note: MESENTERY: NECROSIS ON SLIDE 6			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Hyperplasia	Lymphoid, Moderate
Thymus		Cyst	
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1658

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Prostate
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone		Arthrosis	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
		Hepatocellular Adenoma	
		[Focal Cellular Change TGLS = 2-12]	
		[Hepatocellular Adenoma TGLS = 3-13]	
Lymph Node	Mesenteric	Angiectasis	Mild
	Inguinal	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Lymphoid, Marked
	Inguinal	Pigmentation	Hemosiderin, Minimal
		Note: HYPERPLASIA TGLs = 4-6	
		[Angiectasis TGLS = 4-6]	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Mild
Spleen		Hyperplasia	Lymphoid, Moderate
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Testes	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
[Angiectasis TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 1-11]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Glandular	Mineralization	Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Moderate
		Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Kidney		Fibrosis	Focal, Mild
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Furfural

CAS Number: 98-01-1

Date Report Requested: 10/21/2014

Time Report Requested: 10:32:56

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - 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

Liver

Lung

Lymph Node - Mandibular

Lymph Node - Mesenteric

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney

Nephropathy

Chronic, Minimal

Spleen

Hyperplasia

Lymphoid, Moderate

Thyroid Gland

Follicle

Cyst

Follicle

Degeneration

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1663

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 473

DOSE: VEHICLE CONTROL

DISP: Moribund

HISTO: A83-28750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Liver		Granuloma	Multiple, Mild
Note: LIVER: NECROSIS ON SLIDE 4			
Preputial Gland		Inflammation	Subacute, Marked
Note: PREPUTIAL GL: TGL 1 ON SLIDE 7B			
Note: INFLAMMATION TGLs = 1			
Skeletal Muscle	Abdominal	Inflammation	Suppurative, Marked
Note: TGL 2 ON SLIDE #1.			
Note: INFLAMMATION TGLs = 2			
Skin	Subcut Tiss	Inflammation	Suppurative, Acute, Focal, Marked
Note: SKIN: TGL 2 ON SLIDE I			
Note: INFLAMMATION TGLs = 2			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Preputial Gland		Inflammation	Subacute, Marked
[Inflammation TGLS = 1-11]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Glandular	Mineralization	Minimal
Thyroid Gland	Follicle	Cyst	
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Coagulating Gland		Dilatation	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-6.1]			
Lymph Node	Mesenteric	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 1-7]			
Stomach	Glandular	Inflammation	Subacute, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 676

DOSE: VEHICLE CONTROL

DISP: Moribund

HISTO: A85-1668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Liver
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spinal Cord	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Kidney		Fibrosis	Focal, Mild
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Preputial Gland	Duct	Cyst	
[Cyst TGLS = 1-11,2-11]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Minimal
Thymus		Cyst	
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Coagulating Gland [Dilatation TGLS = 2-11]		Dilatation	Mild
Islets, Pancreatic		Hyperplasia	Marked
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Lymph Node	Mesenteric	Angiectasis	Minimal
Pancreas	Acinus	Atrophy	Focal, Marked
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle [Dilatation TGLS = 1-7]		Dilatation	Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Focal, Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Marked
		Necrosis	Multifocal, Marked
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: PIGMENT TGLs = 3-13,4-14			
Note: LIVER: TGL 4 SUGGEST ADENOMA			
Note: LIVER: TGL 4 IS NECROTIC			
[Hepatocellular Adenoma TGLs = 4-14]			
[Inflammation TGLs = 3-13,4-14]			
[Necrosis TGLs = 3-13,4-14]			
Lymph Node	Mesenteric	Angiectasis	Mild
Pancreas	Acinus	Atrophy	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Inflammation	Subacute, Moderate
		Necrosis	Focal, Moderate
[Inflammation TGLs = 2-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1670

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 2-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 52	TRT#: 3	SEX: Male	DAY ON TEST: 467
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A83-28723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
Urinary Bladder			

OBSERVATIONS

Kidney	Bacterium	Multifocal, Marked
	Inflammation	Suppurative, Acute, Multifocal, Marked
Liver	Hepatocellular Carcinoma	
	Necrosis	Multifocal, Minimal
Note: HEPATOCLR CARC TGLs = 2		
Note: LIVER: TGL 2 IS ON SLIDE 1		
Lung	Congestion	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 53	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Marked
Bone		Arthrosis	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 54 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 576
DOSE: 175 MG/KG **DISP:** Natural Death **HISTO:** A83-30325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Duodenum	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Liver		Hepatocellular Adenoma	
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: LIVER: TGL 4 ON SLIDE I [Hepatocellular Adenoma TGLS = 4]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 5-4			
Lymph Node	Mesenteric	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 3			
Note: LYMPH NODE: TGL 3 ON SLIDE 6B			
Stomach	Forestomach	Hyperplasia	Mild
Note: TGL 6 IS ON SLIDE 5B.			
Note: HYPERPLASIA TGLs = 6			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55	TRT#: 3	SEX: Male	DAY ON TEST: 475
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A83-28748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2			
Note: LIVER: TGL 2 IS ON SLIDE II			
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Fibrosis	Focal, Mild
		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Mineralization	Focal, Mild
		Necrosis	Focal, Marked
[Hepatocellular Adenoma TGLS = 3-12]			
[Mineralization TGLS = 3-12]			
[Necrosis TGLS = 3-12]			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 688

DOSE: 175 MG/KG

DISP: Moribund

HISTO: A84-31189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Moderate
Liver	Biliar Tract	Cyst Multilocular Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple, Two
			[Cyst Multilocular TGLS = 3-23] [Hepatocellular Adenoma TGLS = 1-21,2-22] [Hepatocellular Carcinoma TGLS = 3-23]
Lung		Alveolar/Bronchiolar Adenoma Hepatocellular Carcinoma	Metastatic (Liver), > Five (Liver), Multiple (Liver)
			[Alveolar/Bronchiolar Adenoma TGLS = 6-4] [Hepatocellular Carcinoma TGLS = 5-4]
Lymph Node	Mesenteric	Angiectasis	Moderate
			[Angiectasis TGLS = 4-6-1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Moderate
Liver		Focal Cellular Change	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: LIVER: SEROSA AND SUBSEROSA LESIONS ON SLIDE 22			
Note: LIVER: FOCAL CELL CH ON SLIDE 4			
[Hepatocellular Adenoma TGLS = 2-22]			
[Hepatocellular Carcinoma TGLS = 1-21]			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1677

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Focal Cellular Change	
		Hepatocellular Adenoma	Multiple, Three
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
		Vacuolization Cytoplasmic	Multifocal, Minimal
Note: HEPATOCLR ADEN TGLs = 2-21,3-11,4-12			
Note: LIVER: SEROSA AND SUBSEROSA LESIONS ON SLIDE 21			
Note: LIVER: FOCAL CELL CH ON SLIDE 21			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 1-7]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1678

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 60	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
Preputial Gland		Inflammation	Subacute, Marked
[Inflammation TGLS = 2-12]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Trachea		Retinoblastoma	Metastatic (Uncertain Primary Site)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 175 MG/KG

DISP: Dead

HISTO: A85-1680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Pituitary Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Lymphoma Malignant Histiocytic
Coagulating Gland		Lymphoma Malignant Histiocytic
Gallbladder		Lymphoma Malignant Histiocytic
Harderian Gland		Adenoma
		Lymphoma Malignant Histiocytic
[Adenoma TGLS = 13-15]		
[Lymphoma Malignant Histiocytic TGLS = 13-15]		
Kidney		Lymphoma Malignant Histiocytic
Liver		Lymphoma Malignant Histiocytic
		Necrosis
[Lymphoma Malignant Histiocytic TGLS = 8-4]		Multifocal, Moderate
Lung		Lymphoma Malignant Histiocytic
Lymph Node	Iliac	Lymphoma Malignant Histiocytic
	Inguinal	Lymphoma Malignant Histiocytic
	Mandibular	Lymphoma Malignant Histiocytic
	Mediastinal	Lymphoma Malignant Histiocytic
	Mesenteric	Lymphoma Malignant Histiocytic
	Pancreatic	Lymphoma Malignant Histiocytic
	Renal	Lymphoma Malignant Histiocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61	TRT#: 3	SEX: Male	DAY ON TEST: 724
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A85-1680

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Histiocytic TGLS = 5-5]
[Lymphoma Malignant Histiocytic TGLS = 4-16]
[Lymphoma Malignant Histiocytic TGLS = 1-4]
[Lymphoma Malignant Histiocytic TGLS = 10-13]
[Lymphoma Malignant Histiocytic TGLS = 11-14]
[Lymphoma Malignant Histiocytic TGLS = 12-3]
[Lymphoma Malignant Histiocytic TGLS = 9-6]

Preputial Gland		Inflammation	Subacute, Marked
[Inflammation TGLS = 3-12]			
Prostate		Lymphoma Malignant Histiocytic	
Seminal Vesicle		Lymphoma Malignant Histiocytic	
Skin	Subcut Tiss	Fibrosis	Focal, Mild
		Lymphoma Malignant Histiocytic	
[Fibrosis TGLS = 2-11]			
[Lymphoma Malignant Histiocytic TGLS = 2-11]			
Spleen		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 6-8]			
Thymus		Lymphoma Malignant Histiocytic	
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-12]			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-6]			
Lymph Node	Mesenteric	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Marked
Stomach	Glandular	Mineralization	Minimal
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 5-15]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosis	Focal, Moderate
	Subcut Tiss	Inflammation	Subacute, Focal, Moderate
	Subcut Tiss	Metaplasia	Osseous, Focal, Mild
	Subcut Tiss	Necrosis	Focal, Marked
		Squamous Cell Carcinoma	

Note: NECROSIS TGLs = 4-14
 Note: INFLAMMATION TGLs = 4-14
 Note: [SQUAM CEL CARC] TGLs = 4-14
 [Fibrosis TGLS = 3-13]
 [Necrosis TGLS = 4-14]

Stomach	Forestomach	Mineralization	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Cyst Multilocular	
		Hepatocellular Adenoma	Two
Note: [HEPATOCLR ADEN] TGLs = 2,3-22+23 [Cyst Multilocular TGLS = 2-22]			
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Multifocal, Mild
Note: ALV BRON CARC TGLs = 4-24,5-6			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Epidermis	Hyperplasia	Focal, Mild
	Sebaceous GI	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-11] [Hyperplasia TGLS = 1-11]			
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
	Forestomach	Ulcer	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 64	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1683

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicle	Degeneration	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Skin	Stomach - Forestomach	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Accessory Adrenal Cortical Nodule	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-13]			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Lymphoma Malignant Lymphocytic	
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-12]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 2-7]			
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Glandular	Mineralization	Minimal
Thyroid Gland		Ultimobranchial Cyst	Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 2-22		
Note: HEPATOCLR ADEN	TGLs = 3-23		
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 67 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 175 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A85-1686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Multifocal, Mild
		[Alveolar/Bronchiolar Carcinoma TGLS = 4-6]	
Lymph Node	Mesenteric	Angiectasis	Moderate
		[Angiectasis TGLS = 5-6]	
Mesentery	Fat	Necrosis	Focal, Moderate
		[Necrosis TGLS = 2-12]	
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
		[Cyst TGLS = 1-11]	
		[Inflammation TGLS = 1-11]	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
Stomach	Glandular	Mineralization	Minimal
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1686

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Furfural

CAS Number: 98-01-1

Date Report Requested: 10/21/2014

Time Report Requested: 10:32:56

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Fibrosis	Focal, Mild
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-11]			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Multifocal, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 4-6]			
[Alveolar/Bronchiolar Carcinoma TGLS = 3-23]			
Lymph Node	Mesenteric	Angiectasis	Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Marked
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 662

DOSE: 175 MG/KG

DISP: Moribund

HISTO: A84-31190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Cyst Multilocular	
	Serosa, Subserosa	Hepatocellular Carcinoma	Multiple, Two
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
Note: LIVER: INFLAMMATION & PIGMENT ON SLIDE 5			
Note: LIVER: MULTILOC CYST ON SLIDE 5			
[Hepatocellular Carcinoma TGLS = 2-21+5]			
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Multifocal, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]			
[Infiltration Cellular TGLS = 4-4]			
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
[Cyst TGLS = 1-7-1]			
[Inflammation TGLS = 1-7-1]			
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 69	TRT#: 3	SEX: Male	DAY ON TEST: 662
	DOSE: 175 MG/KG	DISP: Moribund	HISTO: A84-31190

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 70	TRT#: 3	SEX: Male	DAY ON TEST: 682
	DOSE: 175 MG/KG	DISP: Moribund	HISTO: A85-1689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Marked
Liver		Hepatocellular Carcinoma	Multiple, Two
[Hepatocellular Carcinoma TGLS = 4-11+21,5-12]			
Lymph Node	Mesenteric	Angiectasis	Mild
Preputial Gland	Duct	Cyst	
[Cyst TGLS = 1-13,2-13]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: 175 MG/KG	DISP: Moribund	HISTO: A83-28621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Mild Chronic, Moderate
Liver		Hepatocellular Carcinoma	
Note: LIVER: TGL 2 ON SLIDE II [Hepatocellular Carcinoma TGLS = 2]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver), Multiple (Liver), Two (Liver)
[Hepatocellular Carcinoma TGLS = 3-4,4-4]			
Skin	Subcut Tiss	Fibrosis	Focal, Mild
Note: SKIN: TGL 1 ON SLIDE I [Fibrosis TGLS = 1]			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 632
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A84-31191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Minimal
Liver		Hepatocellular Carcinoma Necrosis	Multiple, Three Multifocal, Moderate
[Hepatocellular Carcinoma TGLS = 3-22,4-23,5-24]			
Lymph Node	Mesenteric	Angiectasis	Marked
[Angiectasis TGLS = 2-6-1]			
Spleen		Hematopoietic Cell Proliferation	Marked
Stomach	Forestomach	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 6-25			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 662

DOSE: 175 MG/KG

DISP: Moribund

HISTO: A84-31192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-23			
Kidney		Lymphoma Malignant Mixed	
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 5-24			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-22]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Minimal
Epididymis		Fibrosis	Focal, Mild
		Pigmentation	Cholesterol, Focal, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Mild
	Serosa, Subserosa	Hepatocellular Carcinoma	
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
[Hepatocellular Carcinoma TGLS = 6-24]			
Lymph Node	Inguinal	Squamous Cell Carcinoma	Metastatic (Skin)
[Squamous Cell Carcinoma TGLS = 4-7]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosis	Focal, Mild
	Subcut Tiss	Inflammation	Subacute, Focal, Marked
		Squamous Cell Carcinoma	
[Fibrosis TGLS = 1-11]			
[Inflammation TGLS = 3-13]			
[Squamous Cell Carcinoma TGLS = 3-13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1693

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation Hyperplasia	Marked Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 5-8] [Hyperplasia TGLS = 5-8]			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Prostate
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Mild
Blood		Leukocytosis	Mild
[Leukocytosis TGLS = 1-61]			
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Mild
	Serosa, Subserosa	Pigmentation	Multifocal, Mild
[Hepatocellular Carcinoma TGLS = 6-23]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 7-6			
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Subacute, Marked
[Inflammation TGLS = 5-12]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-21]			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1694

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Serosa, Subserosa	Hepatocellular Carcinoma	
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
	[Hepatocellular Carcinoma TGLS = 2-21]		
Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-6]		
Preputial Gland	Duct	Cyst	
	[Cyst TGLS = 1-11]		
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Coagulating Gland [Dilatation TGLS = 5-14]		Dilatation	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Mild
[Cyst TGLS = 3-13]			
[Inflammation TGLS = 3-13]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 4-7]			
Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Fibrosis	Focal, Moderate
[Fibroma TGLS = 2-12]			
[Fibrosis TGLS = 1-11]			
Thymus		Cyst	
Thyroid Gland	Follicle	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1696

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Dysplasia	Mild
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 78 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 175 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A85-1697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Marked
Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple, Two

Note: LIVER: HEPATOCELLULAR ADENOMA ON SLIDE 4

Note: LIVER: UNUSUAL TUMOR: HEPATOBLAST WITHIN HEPATO CARC

[Hepatoblastoma TGLS = 4-23]

[Hepatocellular Carcinoma TGLS = 4-23,5-24]

Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79	TRT#: 3	SEX: Male	DAY ON TEST: 224
	DOSE: 175 MG/KG	DISP: Accident	HISTO: A83-27710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Lung	Lymph Node - Mesenteric	Nose
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Intestine Large - Rectum	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Spleen		

AUTO PRECLUDES DIAG.

Gallbladder	Islets, Pancreatic	Pancreas
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OBSERVATIONS

Liver		Necrosis	Multifocal, Marked
Note: LIVER: TGL 3 ALSO ON SLIDE II [Necrosis TGLS = 3-5]			
Lymph Node	Mediastinal	Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 696
DOSE: 175 MG/KG **DISP:** Dead **HISTO:** A85-1699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Bone Marrow		Hemangiosarcoma	
Kidney	Renal Tubule	Mineralization	Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple, Three
[Hepatocellular Adenoma TGLS = 2-12,3-13,5-4]			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 4-6]			
Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-11]			
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 81 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 175 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A85-1700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
	Biliar Tract, Subserosa	Hyperplasia	Multifocal, Minimal
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Mild
	Serosa, Subserosa	Pigmentation	Multifocal, Mild
Note: LIVER: GOOD EXAMPLE OF SUBSEROSAL LESION			
[Hepatocellular Adenoma TGLS = 3-13]			
[Hyperplasia TGLS = 4-14]			
[Inflammation TGLS = 4-14]			
[Pigmentation TGLS = 4-14]			
Prostate		Inflammation	Subacute, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosis	Focal, Mild
[Fibrosis TGLS = 1-11]			
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 82	TRT#: 3	SEX: Male	DAY ON TEST: 566
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A83-30013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary Gland	Thymus
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OBSERVATIONS

Liver	Hepatocellular Adenoma Necrosis	Multifocal, Moderate
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Note: LIVER: TGL 1 ON SLIDE I

[Hepatocellular Adenoma TGLS = 1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Prostate
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-23]			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-6]		Infiltration Cellular	Histiocyte, Multifocal, Mild
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Cyst	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Skin	Subcut Tiss	Fibrosis	Focal, Moderate
[Fibrosis TGLS = 2-12]			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Marked
Liver	Biliar Tract	Cyst	
		Focal Cellular Change	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: LIVER: FOCAL CELL CH ON SLIDE 12			
Note: LIVER: HEPATO ADENOMA ON SLIDE 4			
Note: LIVER: SEROSAL LESIONS ON SLIDE 12			
[Cyst TGLS = 3-12]			
[Hepatocellular Carcinoma TGLS = 2-22]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Skin	Subcut Tiss	Fibrosis	Focal, Mild
	Subcut Tiss	Inflammation	Subacute, Focal, Mild
[Fibrosis TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1703

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-11]

Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 728
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A85-1704

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ALOPECIA TGLs = 1-11 [Fibrosis TGLS = 1-11] [Mineralization TGLS = 1-11]	Subcut Tiss	Mineralization	Focal, Mild
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 86	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
			[Inflammation TGLS = 3-13]
			[Pigmentation TGLS = 3-13]
Stomach	Forestomach	Adenocarcinoma	
	Forestomach	Hyperplasia	Moderate
			Note: STOMACH: BOTH SQUAMOUS AND GOBLET CELLS PRESENT
			Note: STOMACH: UNUSUAL NEOPLASM ON SLIDE 14
			[Adenocarcinoma TGLS = 4-14]
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 563
DOSE: 175 MG/KG **DISP:** Moribund **HISTO:** A83-29858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Mammary Gland	Stomach - Forestomach	Stomach - Glandular
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OBSERVATIONS

Kidney		Infiltration Cellular Metaplasia Nephropathy	Lymphocyte, Multifocal, Mild Osseous, Focal, Moderate Chronic, Marked
[Metaplasia TGLS = 3-6] [Nephropathy TGLS = 3-6]			
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis	Multifocal, Moderate
Note: NECROSIS TGLs = 4 Note: LIVER: TGL 4 IS ON SLIDE III Note: LIVER: TGL 5 IS ON SLIDE IV Note: LIVER: ADENOMA IS ON SLIDE V [Necrosis TGLS = 5]			
Spleen		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Furfural

CAS Number: 98-01-1

Date Report Requested: 10/21/2014

Time Report Requested: 10:32:56

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 464

DOSE: 175 MG/KG

DISP: Moribund

HISTO: A83-28724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Fibrosarcoma	
	Subcut Tiss	Fibrosis	Focal, Marked
Note: FIBROSARC TGLs = 1,2			
Note: SKIN: SLIDES I & II APPEAR TO BE SAME TUMOR			
Note: SKIN: TGL 1 AND 2 ON SLIDES I AND II			
Note: FIBROSIS TGLs = 1,2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 548

DOSE: 175 MG/KG

DISP: Moribund

HISTO: A83-29708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Gallbladder	Mammary Gland	Thymus
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OBSERVATIONS

Heart		Carcinoma	Metastatic (Uncertain Primary Site)
Kidney	Cortex	Carcinoma	Metastatic (Uncertain Primary Site)
Note: [CARCINOMA] TGLs = 2-6			
Liver		Carcinoma	Metastatic (Uncertain Primary Site)
Hepatocellular Carcinoma			
Multiple, Two			
Note: [HEPATOCLR CARC] TGLs = 3,4			
Note: [CARCINOMA] TGLs = 4			
Note: LIVER: HEPATO CARC ON SLIDES II AND III			
Note: LIVER: METASTATIC CARCINOMA WITHIN HEPATOCEL CARC			
Note: LIVER: SLIDE III RARE TUMORS			
Lung		Carcinoma	Metastatic (Uncertain Primary Site), > Five (Uncertain Primary Site), Multiple (Uncertain Primary Site)
Note: [CARCINOMA] TGLs = 6-4,7-4,8-4			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Uncertain Primary Site)
Note: LYMPH NODE: METASTATIC CARCINOMA ON SLIDE 3			
Mesentery		Carcinoma	Metastatic (Uncertain Primary Site)
Note: MESENTERY: CARCINOMA ON SLIDE 5			
Nose	Nasolacrimal Duct	Inflammation	Subacute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 548
	DOSE: 175 MG/KG	DISP: Moribund	HISTO: A83-29708

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicle	Degeneration	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 90	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hyperplasia	Lymphoid, Mild
Thymus		Cyst	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 91	TRT#: 3	SEX: Male	DAY ON TEST: 57
	DOSE: 175 MG/KG	DISP: Accidentally Killed	HISTO: A82-25357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Spleen		Atrophy	Moderate
Note: ATROPHY	TGLs = 1-2		
Stomach	Glandular	Ulcer	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:56
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92	TRT#: 3	SEX: Male	DAY ON TEST: 56
	DOSE: 175 MG/KG	DISP: Accidentally Killed	HISTO: A82-25358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Lymph Node	Mandibular	Necrosis	Moderate
Nose		Inflammation	Suppurative, Acute, Moderate
Spleen		Necrosis	Moderate
Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93	TRT#: 3	SEX: Male	DAY ON TEST: 56
	DOSE: 175 MG/KG	DISP: Accidentally Killed	HISTO: A82-25359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mesenteric	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Lung		Foreign Body	Moderate
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Nose		Inflammation	Suppurative, Acute, Moderate
Spleen		Necrosis	Mild
Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 94	TRT#: 3	SEX: Male	DAY ON TEST: 57
	DOSE: 175 MG/KG	DISP: Accidentally Killed	HISTO: A82-25360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Prostate
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OBSERVATIONS

Lymph Node	Mandibular	Necrosis	Moderate
	Mesenteric	Necrosis	Mild
Nose		Inflammation	Suppurative, Acute, Moderate
Spleen		Necrosis	Mild
Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 95	TRT#: 3	SEX: Male	DAY ON TEST: 57
	DOSE: 175 MG/KG	DISP: Accidentally Killed	HISTO: A82-25361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Lymph Node - Mesenteric	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Liver		Vacuolization Cytoplasmic	Diffuse, Moderate
Lung		Hemorrhage	Multifocal, Mild
Note: HEMORRHAGE	TGLs = 3-4		
Lymph Node	Mandibular	Necrosis	Moderate
Nose		Inflammation	Suppurative, Acute, Mild
Spleen		Atrophy	Marked
Note: ATROPHY	TGLs = 1-2		
Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Epididymis		Lymphoma Malignant Mixed	
Intestine Large	Rectum	Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
		Nephropathy	Chronic, Minimal
		[Lymphoma Malignant Mixed TGLS = 3-8]	
		[Nephropathy TGLS = 3-8]	
Liver	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
		Lymphoma Malignant Mixed	
		Necrosis	Focal, Marked
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: LIVER: SLIDE 15 SUGGESTIVE OF ADENOMA, MARKED NECROSIS			
		[Lymphoma Malignant Mixed TGLS = 7-4]	
		[Necrosis TGLS = 8-15]	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1715

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 4-6]			
[Lymphoma Malignant Mixed TGLS = 6-14]			
[Lymphoma Malignant Mixed TGLS = 9-16]			
[Lymphoma Malignant Mixed TGLS = 5-13]			
Mesentery	Fat	Necrosis	Focal, Marked
[Necrosis TGLS = 2-11]			
Pancreas		Lymphoma Malignant Mixed	
Prostate		Lymphoma Malignant Mixed	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 1-8-1]			
[Lymphoma Malignant Mixed TGLS = 1-8-1]			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Marked
Urinary Bladder		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney	Cortex	Adenoma Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Minimal
[Adenoma TGLS = 1-11]			
Liver	Biliar Tract	Dilatation Hepatocellular Adenoma Hepatocellular Carcinoma	Mild
	Serosa, Subserosa Serosa, Subserosa	Inflammation Pigmentation	Chronic, Multifocal, Minimal Multifocal, Minimal
Note: BILE LAKES ARE PRESENT IN LIVER SLIDE;DILATATION OF DUCTS [Hepatocellular Carcinoma TGLS = 2-22]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 98 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 728
DOSE: 175 MG/KG **DISP:** Dead **HISTO:** A85-1717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Rectum	Islets, Pancreatic	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Heart		Sarcoma	Metastatic (Skeletal Muscle)
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-11]			
Lung		Congestion	Mild
Note: [SARCOMA] TGLs = 5-6		Sarcoma	Metastatic (Skeletal Muscle)
[Congestion TGLS = 4-6]			
Lymph Node	Mediastinal	Angiectasis	Marked
Note: ANGIECTASIS TGLs = 6-6	Mesenteric	Angiectasis	Marked
Skeletal Muscle		Sarcoma	
Note: [SARCOMA] TGLs = 3-12			
Thymus		Sarcoma	Metastatic (Skeletal Muscle)
Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 175 MG/KG

DISP: Dead

HISTO: A85-1717

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 99	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose		Polyp	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Stomach	Forestomach	Hyperplasia	Mild
Thyroid Gland	Follicular Cel Follicle	Adenoma Degeneration	Cystic, Mild
Tooth		Ultimobranchial Cyst Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 175 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A85-1719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
	Biliar Tract, Subserosa	Hyperplasia	Multifocal, Minimal
		Inclusion Body Intranuclear	Mild
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Mild
	Serosa, Subserosa	Pigmentation	Multifocal, Mild
Note: LIVER: INCLUSION BODY ON SLIDE 4, EOSINOPHILIC			
Note: LIVER: SLIDE 11.1 HAS INFLAMM, PIGMENT and HYPERPLASIA			
[Focal Cellular Change TGLS = 1-11.1]			
Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 2-6]	
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Forestomach	Squamous Cell Papilloma	
		[Squamous Cell Papilloma TGLS = 3-5]	
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101 TRT#: 5 SEX: Male DAY ON TEST: 638
DOSE: 100 MG/KG DISP: Dead HISTO: A84-31202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Lymph Node	Axillary	Histiocytic Sarcoma
	Iliac	Histiocytic Sarcoma
	Inguinal	Histiocytic Sarcoma
	Mandibular	Histiocytic Sarcoma
	Mesenteric	Histiocytic Sarcoma
	Pancreatic	Histiocytic Sarcoma
	Renal	Histiocytic Sarcoma

Note: HISTIO SARC TGLs = 2-21

Note: HISTIO SARC TGLs = 1-8

Note: HISTIO SARC TGLs = 3-2

Note: HISTIO SARC TGLs = 5-5

Note: HISTIO SARC TGLs = 7-22

Note: HISTIO SARC TGLs = 8-23

Note: HISTIO SARC TGLs = 9-24

Thymus Histiocytic Sarcoma

Note: HISTIO SARC TGLs = 10-25

Thyroid Gland Follicle Degeneration Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 100 MG/KG

DISP: Dead

HISTO: A84-31202

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: DIFFICULT NEOPLASM;SOME SIMIILARITIES TO HODGKIN'S DISEASE

Animal Note: MANY MULTINUCLEATED GIANT CELLS;SPLEEN DOES NOT APPEAR TO BE

Animal Note: INVOLVED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 573

DOSE: 100 MG/KG

DISP: Dead

HISTO: A83-30014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Prostate
Stomach - Glandular

Brain
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Salivary Glands
Testes

Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Seminal Vesicle
Thymus

MISSING

Mammary Gland

Parathyroid Gland

Thyroid Gland

Trachea

OBSERVATIONS

Bone

Arthrosis
Fracture

Chronic, Marked
Moderate

[Arthrosis TGLS = 1-9]

[Fracture TGLS = 1-9]

Bone Marrow

Hyperplasia

Mild

Nose

Nasolacrim Dct
Nasolacrim Dct

Cyst

Mild

Skin

Subcut Tiss

Exudate

Mild

Alopecia

Focal, Mild

Fibrosarcoma

Note: TGL 2 AND 3 ON SLIDE I AND II.

[Alopecia TGLS = 3]

[Fibrosarcoma TGLS = 2,3]

Spleen

Hematopoietic Cell Proliferation

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Prostate	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-12			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Skin	Epidermis	Hyperplasia	Focal, Mild
	Epidermis	Inflammation	Suppurative, Acute, Focal, Mild
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 2-11]			
Spleen		Hyperplasia	Lymphoid, Marked
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 104 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 123
DOSE: 100 MG/KG **DISP:** Dead **HISTO:** A82-26237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary 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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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Jejunum
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OBSERVATIONS

Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Inguinal	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 3-8			
Note: TGL 5 IS ON SLIDE II.			
Note: HYPERPLASIA TGLs = 5			
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Marked
Note: PREPUTIAL GLAND IS ON SLIDE 7B			
Skin	Subcut Tiss	Fibrosis	Focal, Moderate
Note: FIBROSIS TGLs = 2			
Note: TGL 2 IS ON SLIDE I.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 666
DOSE: 100 MG/KG **DISP:** Moribund **HISTO:** A84-31203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Adrenal Gland - Medulla	Mammary Gland	Thymus
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OBSERVATIONS

Blood		Leukocytosis	Moderate
[Leukocytosis TGLS = 1-61]			
Bone Marrow		Hyperplasia	Moderate
Liver		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	Mild
Note: ANOM HEPAT LOB TGLs = 6-23			
[Hepatodiaphragmatic Nodule TGLS = 7-24]			
Lung		Fibrosarcoma	Metastatic (Skin), > Five (Skin), Multiple (Skin)
		Fibrosarcoma	Metastatic (Skin), > Five (Skin), Multiple (Skin)
Note: FIBROSARC TGLs = 9-4			
Note: FIBROSARC TGLs = 8-25			
Skin	Subcut Tiss	Fibrosarcoma	
	Epidermis	Hyperplasia	Focal, Mild
Note: FIBROSARC TGLs = 3-22			
[Hyperplasia TGLS = 2-21]			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 5-2			
Thyroid Gland	Follicle	Degeneration	Cystic, Moderate
Tooth		Dysplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 666

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A84-31203

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 590

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83-30329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Minimal
Salivary Glands		Fibrosarcoma	Extension (Skin), Metastatic (Skin)
Skin	Subcut Tiss	Edema	Focal, Mild
	Subcut Tiss	Fibrosarcoma	
		Fibrosis	Multifocal, Mild
Note: TGL 2 ON SLIDE II.			
Note: FIBROSIS TGLs = 4			
Note: TGL 4 IS ON SLIDE III.			
[Edema TGLS = 3-11]			
[Fibrosarcoma TGLS = 2]			
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Prostate	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Coagulating Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
Note: DILATATION TGLs = 5-7			
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-6]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Subacute, Marked
[Inflammation TGLS = 2-12]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 3-7]			
Spleen		Hyperplasia	Lymphoid, Moderate
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex, Spindle Cell	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Cyst	Mild
		Focal Cellular Change	Multiple
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
	[Cyst TGLS = 1-11]		
	[Pigmentation TGLS = 2-12+4]		
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Stomach	Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109	TRT#: 5	SEX: Male	DAY ON TEST: 698
	DOSE: 100 MG/KG	DISP: Dead	HISTO: A85-1728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Mild
Liver		Hepatocellular Adenoma	Multiple, Two
[Hepatocellular Adenoma TGLS = 2-12,3-13]			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 4-6]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-11]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Stomach	Glandular	Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Epididymis		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract, Subserosa	Hyperplasia	Multifocal, Minimal
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Testes	Capsule	Mineralization	Mild
Thymus		Cyst	
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A85-1730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Parathyroid Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Accessory Adrenal Cortical Nodule	
Brain		Degeneration	Focal, Mild
		Edema	Focal, Mild
		Hydrocephalus	Mild
Note: HYDROCEPHALUS TGLs = 3-1 [Edema TGLS = 3-1] [Hydrocephalus TGLS = 3-1]			
Kidney		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
		Hepatocellular Adenoma	
	Biliar Tract, Subserosa	Hyperplasia	Multifocal, Minimal
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Mild
	Serosa, Subserosa	Pigmentation	Multifocal, Mild
Note: FOCAL CELL CH ON SLIDE #4. Note: TGL 2 IS GOOD EXAMPLE OF SUBSEROSAL LESION. [Focal Cellular Change TGLS = 1-11] [Hepatocellular Adenoma TGLS = 2-12] [Inflammation TGLS = 2-12] [Pigmentation TGLS = 2-12]			
Lymph Node	Mesenteric	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A85-1730

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Nervosa	Fibrosis	Moderate
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 630

DOSE: 100 MG/KG

DISP: Dead

HISTO: A84-31204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Note: HEPATOCLR CARC TGLs = 3-23			
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-22]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multiple, Minimal
		Hepatocellular Adenoma	Multiple, Two
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: SEROSAL LESIONS ON SLIDE NUMBER 4. [Hepatocellular Adenoma TGLS = 3-13,4-14]			
Mesentery	Fat	Necrosis	Focal, Moderate
			[Necrosis TGLS = 2-12]
Skin	Subcut Tiss	Fibrosis	Focal, Mild
	Epidermis	Hyperplasia	Focal, Mild
			[Fibrosis TGLS = 1-11]
			[Hyperplasia TGLS = 1-11]
Spleen		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 729
DOSE: 100 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A85-1733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland Prostate

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
	Biliar Tract, Subserosa	Hyperplasia	Multifocal, Minimal
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: SEROSAL AND SUBSEROSAL LESIONS ARE ON SLIDE 12.			
Preputial Gland	Duct	Cyst	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Moderate
Spleen		Hyperplasia	Lymphoid, Mild
Thymus		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 459

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83-28666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Eye
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
Salivary Glands		Fibrosarcoma	Extension (Skin), Metastatic (Skin)
Skin		Alopecia	Focal, Mild
	Subcut Tiss	Fibrosarcoma	
	Subcut Tiss	Fibrosis	Focal, Mild
Note: FIBROSARC	TGLs = 2		
Note: TGL 1 IS ON SLIDE I. TGL 2 IS ON SLIDE II.			
Note: ALOPECIA	TGLs = 1		
Note: FIBROSIS	TGLs = 1		
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-12]			
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Multifocal, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 4-6]			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 3-6]			
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
[Cyst TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
Thymus		Cyst	
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1735

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 620

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A84-31205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Fibrosarcoma	Extension (Mesentery), Metastatic (Mesentery)
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Mild
Liver		Fibrosarcoma	Extension (Mesentery), Metastatic (Mesentery)
		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple, Two
Note: HEPATOBLASTOMA TGLs = 7-23 Note: HEPATOCLR CARC TGLs = 6-22+23 [Hepatocellular Carcinoma TGLS = 6-22+23]			
Lung		Congestion	Mild
	Mediastinum	Fibrosarcoma	Metastatic (Mesentery)
		Fibrosarcoma	Metastatic (Uncertain Primary Site)
Note: CONGESTION TGLs = 8-4			
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mediastinal	Fibrosarcoma	Metastatic (Mesentery)
Note: ANGIECTASIS TGLs = 5-6-1			
Mesentery		Fibrosarcoma	> Five, Multiple
Note: FIBROSARC TGLs = 3-21			
Pancreas		Fibrosarcoma	Extension (Mesentery), Metastatic (Mesentery)
Preputial Gland	Duct	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117	TRT#: 5	SEX: Male	DAY ON TEST: 620
	DOSE: 100 MG/KG	DISP: Moribund	HISTO: A84-31205

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-7-1]			
Seminal Vesicle		Fibrosarcoma	Extension (Mesentery), Metastatic (Mesentery)
Note: FIBROSARC TGLs = 2-7			
Skeletal Muscle		Fibrosarcoma	Extension (Mesentery), Metastatic (Mesentery)
Note: NEOPLASMA ON SLIDE 7-1			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Fibrosarcoma	Metastatic (Mesentery)
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 635

DOSE: 100 MG/KG

DISP: Dead

HISTO: A84-31206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Ileum	Lymphoma Malignant Mixed	
	Jejunum	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 2-21]		
	[Lymphoma Malignant Mixed TGLS = 4-23]		
Liver		Necrosis	Multifocal, Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 3-22]		
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Mild
	[Cyst TGLS = 1-7-1]		
	[Inflammation TGLS = 1-7-1]		
Spleen		Hematopoietic Cell Proliferation	Marked
Stomach	Forestomach	Hyperplasia	Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Coagulating Gland [Dilatation TGLS = 3-7]		Dilatation	Moderate
Harderian Gland [Carcinoma TGLS = 5-11]		Carcinoma	
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Dilatation	Multifocal, Mild
		Fibrosis	Focal, Mild
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
[Cyst TGLS = 2-13]			
[Inflammation TGLS = 2-13]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Moderate
		Inflammation	Subacute, Mild
[Dilatation TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1738

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 3-7]			
Stomach	Glandular	Mineralization	Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Epididymis		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
[Focal Cellular Change TGLS = 3-12]			
[Hemangiosarcoma TGLS = 4-13]			
[Hepatocellular Adenoma TGLS = 2-11]			
Lymph Node		Hyperplasia	Lymphoid, Mild
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Prostate		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 1-7]			
Spleen		Hyperplasia	Lymphoid, Marked
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1739

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 650

DOSE: 100 MG/KG

DISP: Dead

HISTO: A84-31207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hematopoietic Cell Proliferation	Mild
	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Moderate
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
	Jejunum	Perforation	Marked
	[Lymphoma Malignant Mixed TGLS = 5-22+23]		
	[Perforation TGLS = 4-22+23]		
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 7-24			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-6-1			
	[Lymphoma Malignant Mixed TGLS = 8-25]		
Skin	Epidermis	Hyperplasia	Focal, Mild
	[Hyperplasia TGLS = 1-21]		
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 650

DOSE: 100 MG/KG

DISP: Dead

HISTO: A84-31207

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL MIXD TGLs = 3-2

Note: HEMA CELL PROL TGLs = 3-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Mild
Liver		Focal Cellular Change	
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 4-7]			
Skin		Basal Cell Adenoma	
	Subcut Tiss	Fibrosis	Focal, Mild
	Epidermis	Hyperplasia	Focal, Mild
	Sebaceous GI	Hyperplasia	Focal, Mild
[Basal Cell Adenoma TGLS = 3-13]			
[Fibrosis TGLS = 3-13]			
[Hyperplasia TGLS = 1-11]			
[Hyperplasia TGLS = 3-13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 123	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1742

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Hyperplasia	Lymphoid, Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Angiectasis	Marked
	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Moderate
Skin	Subcut Tiss	Sarcoma	
Note: [SARCOMA] TGLs = 1-11			
Spleen		Hyperplasia	Lymphoid, Marked
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland Note: HYPERPLASIA TGLs = 5-3	Medulla	Hyperplasia	Focal, Marked
Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Minimal
Liver	Serosa, Subserosa	Hematopoietic Cell Proliferation Inflammation Necrosis	Minimal Chronic, Multifocal, Minimal Multifocal, Minimal
Lymph Node	Serosa, Subserosa Mesenteric Axillary Iliac Inguinal Mandibular Mediastinal Mesenteric	Pigmentation Angiectasis Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	Multifocal, Minimal Mild

Note: LYMPH MAL MIXD TGLs = 2-12
 [Lymphoma Malignant Mixed TGLS = 6-15]
 [Lymphoma Malignant Mixed TGLS = 7-16]
 [Lymphoma Malignant Mixed TGLS = 4-14]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1744

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 3-13]

Salivary Glands
Spleen

Infiltration Cellular
Hematopoietic Cell Proliferation
Lymphoma Malignant Mixed

Lymphocyte, Multifocal, Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 714

DOSE: 100 MG/KG

DISP: Dead

HISTO: A85-1745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Lymphoma Malignant Mixed	
Kidney		Fibrosis	Focal, Minimal
Liver	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Mild
	Serosa, Subserosa	Pigmentation	Multifocal, Mild
Note: PIGMENT TGLs = 7-16 [Pigmentation TGLS = 7-16]			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-15			
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
Note: INFLAMMATION TGLs = 2-12 [Inflammation TGLS = 2-12]			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-14			
Stomach	Forestomach	Foreign Body	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 126	TRT#: 5	SEX: Male	DAY ON TEST: 714
	DOSE: 100 MG/KG	DISP: Dead	HISTO: A85-1745

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus Note: LYMPH MAL MIXD TGLs = 8-17	Forestomach	Ulcer Lymphoma Malignant Mixed	Mild
Thyroid Gland Tooth	Follicle	Degeneration Dysplasia	Cystic, Mild Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 729
DOSE: 100 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A85-1746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Intestine Small Note: POLYP ADENOMAT TGLs = 5-14	Jejunum	Polyp Adenomatous	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver Note: HEMANGIOSARC TGLs = 3-12,4-13		Hemangiosarcoma	Multiple, Two
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Lymph Node Note: HYPERPLASIA TGLs = 1-11 [Hyperplasia TGLS = 1-11]	Inguinal	Hyperplasia	Lymphoid, Marked
Spleen Note: HEMA CELL PROL TGLs = 2-8		Hematopoietic Cell Proliferation	Marked
		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Mild
Bone		Arthrosis	Chronic, Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Cystic, Focal, Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Moderate
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-12]			
Lymph Node	Mesenteric	Angiectasis	Mild
Thymus		Cyst	
Thyroid Gland		Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 130	TRT#: 5	SEX: Male	DAY ON TEST: 617
	DOSE: 100 MG/KG	DISP: Dead	HISTO: A84-31208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Heart		Inflammation	Subacute, Focal, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Liver		Hemangiosarcoma	
		Necrosis	Multifocal, Moderate
Note: TGL 5 (SLIDE 21) HAS EXTENSIVE NECROSIS. [Hemangiosarcoma TGLS = 5-21+5] [Necrosis TGLS = 6-5]			
Lymph Node	Mesenteric	Angiectasis	Mild
			[Angiectasis TGLS = 4-6-1]
Spleen		Hematopoietic Cell Proliferation	Marked
			[Hematopoietic Cell Proliferation TGLS = 3-2]
Thymus		Cyst	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 131	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Epididymis		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Moderate
Liver		Developmental Malformation	Mild
		Fibrosis	Focal, Minimal
			[Developmental Malformation TGLS = 2-12]
			[Fibrosis TGLS = 2-12]
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Minimal
			[Angiectasis TGLS = 3-6]
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Forestomach	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 571

DOSE: 100 MG/KG

DISP: Dead

HISTO: A83-30015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart		Inflammation	Subacute, Focal, Moderate
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 4-2]			
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple, Two
Note: TGL #2 AND #3 ON SLIDES II AND III.			
[Hepatocellular Adenoma TGLS = 2,3]			
Lung		Infiltration Cellular	Histiocyte, Multifocal, Mild
Stomach	Forestomach	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 5			
Note: TGL #5 IS ON SLIDE 5B.			
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 504

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83-29135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart		Inflammation	Subacute, Focal, Mild
Kidney	Renal Tubule	Necrosis	Multifocal, Moderate
		Nephropathy	Chronic, Mild
Liver		Necrosis	Multifocal, Moderate
	Centrilobular	Vacuolization Cytoplasmic	Diffuse, Mild
[Necrosis TGLS = 2-5]			
Skin	Subcut Tiss	Fibrosarcoma	
Note: TGL 1 IS ON SLIDE I.			
[Fibrosarcoma TGLS = 1]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Erosion	Mild
	Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Polychromasia	Moderate
[Polychromasia TGLS = 1-61]			
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Mild
Lung		Alveolar/Bronchiolar Adenoma	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 2-11			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 5-8			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Angiectasis	Focal, Mild
		Hepatocellular Adenoma	Multiple, Two
Note: TGL 4 HEPATO ADENOMA IS NECROTIC. [Angiectasis TGLS = 4-12] [Hepatocellular Adenoma TGLS = 4-12,5-13]			
Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Multifocal, Mild
Note: INFILTRAT CELL TGLs = 7-6 [Alveolar/Bronchiolar Carcinoma TGLS = 6-6]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Epididymis		Lymphoma Malignant Lymphocytic	
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant Lymphocytic	
[Hepatocellular Carcinoma TGLS = 1-11]			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Brain	Meninges	Infiltration Cellular	Lymphocyte, Multifocal, Mild
Kidney		Fibrosis	Focal, Mild
		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
[Angiectasis TGLS = 2-6]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Preputial Gland	Duct	Hyperplasia	Moderate
		Inflammation	Subacute, Mild
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 2-12]			
[Inflammation TGLS = 2-12]			
[Squamous Cell Papilloma TGLS = 2-12]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosis	Focal, Moderate
	Epidermis	Hyperplasia	Focal, Mild
[Fibrosis TGLS = 1-11]			
[Hyperplasia TGLS = 1-11]			
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 139 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 688
DOSE: 100 MG/KG **DISP:** Moribund **HISTO:** A85-1758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder Mammary Gland

OBSERVATIONS

Blood Note: LEUKOCYTOSIS TGLs = 1-61		Leukocytosis	Moderate
Bone Marrow		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver Note: NECROSIS TGLs = 5-4		Necrosis	Multifocal, Mild
Skin [Fibrosarcoma TGLS = 2-11] [Hyperplasia TGLS = 3-12] [Ulcer TGLS = 3-12]	Subcut Tiss Epidermis	Fibrosarcoma Hyperplasia Ulcer	Focal, Mild Focal, Mild
Spleen Note: HEMA CELL PROL TGLs = 4-8		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 140 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 599
DOSE: 100 MG/KG **DISP:** Moribund **HISTO:** A83-30330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Liver	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Inflammation	Subacute, Focal, Mild
Islets, Pancreatic		Hyperplasia	Mild
Lung		Alveolar/Bronchiolar Carcinoma	> Five, Multiple
		Infiltration Cellular	Histiocyte, Multifocal, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 3-4]			
Lymph Node	Mesenteric	Angiectasis	Mild
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Marked
Note: TGL 1 ON SLIDE I.			
[Cyst TGLS = 1]			
[Inflammation TGLS = 1]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 688

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A85-1760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 6-15]			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Mild
		Hepatocellular Adenoma	
Note: [BASOPH FOCUS] TGLs = 5-14			
Note: [HEPATOCLR ADEN] TGLs = 4-13			
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Mild
[Cyst TGLS = 2-16]			
[Inflammation TGLS = 2-16]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Developmental Malformation	Mild
		Hyperplasia	Lymphoid, Moderate
[Developmental Malformation TGLS = 3-12]			
Thymus		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142	TRT#: 5	SEX: Male	DAY ON TEST: 405
	DOSE: 100 MG/KG	DISP: Dead	HISTO: A83-28294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland	Seminal Vesicle	Thymus
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OBSERVATIONS

Bone Marrow		Hyperplasia	Marked
Brain		Hemorrhage	Moderate
Skin		Alopecia	Focal, Mild
	Subcut Tiss	Fibrosis	Focal, Mild
		Ulcer	Focal, Moderate

Note: TGL 2 ON SLIDE I. TGL 3 ON SLIDE II.

Note: FIBROSIS TGLs = 2

Note: ULCER TGLs = 2

[Ulcer TGLS = 3]

Spleen		Hematopoietic Cell Proliferation	Marked
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Note: HEMA CELL PROL TGLs = 5-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Minimal Chronic, Minimal
Skin	Subcut Tiss Subcut Tiss Epidermis	Fibroma Fibrosis Hyperplasia	Focal, Mild Focal, Mild
[Fibroma TGLS = 3-13] [Fibrosis TGLS = 2-12] [Hyperplasia TGLS = 2-12]			
Spleen		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 713

DOSE: 100 MG/KG

DISP: Dead

HISTO: A85-1763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Mild
[Cyst TGLS = 3-12]			
[Inflammation TGLS = 3-12]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosis	Focal, Mild
	Epidermis	Inflammation	Suppurative, Acute, Focal, Moderate
[Fibrosis TGLS = 1-11]			
[Inflammation TGLS = 2-11]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-8]			
Testes	Interstit Cell	Adenoma	
Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 648

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A85-1764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Blood		Leukocytosis	Mild
		Polychromasia	Mild
Note: POLYCHROMASIA	TGLs = 1-61		
Note: LEUKOCYTOSIS	TGLs = 1-61		
Bone Marrow		Hyperplasia	Mild
Heart	Pericardium	Fibrosis	Moderate
	Pericardium	Inflammation	Subacute, Marked
Note: INFLAMMATION	TGLs = 5-4		
Note: FIBROSIS	TGLs = 4-4		
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
		Necrosis	Multifocal, Mild
Lung	Mediastinum	Inflammation	Subacute, Focal, Mild
Note: INFLAMMATION	TGLs = 6-6		
Lymph Node	Mesenteric	Angiectasis	Mild
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 2-11		
Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 648

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A85-1764

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 146	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Mild
[Cyst TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 629
DOSE: 100 MG/KG **DISP:** Dead **HISTO:** A85-1766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Spleen	Thymus
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OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-13+4			
Lymph Node	Mesenteric	Angiectasis	Mild
Mesentery		Fibrosarcoma	Extension (Skin), Metastatic (Skin)
Note: FIBROSACOMA ON SLIDE 7.			
Skeletal Muscle		Fibrosarcoma	Extension (Skin), Metastatic (Skin)
Note: FIBROSACOMA ON SLIDE 7.			
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11,2-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 403

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83-28295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Necrosis	Multifocal, Mild
Skin	Subcut Tiss	Hemangiosarcoma	
Note: TGL 5 IS ON SLIDE III.			
Note: HEMANGIOSARC TGLs = 5			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Kidney	Cortex	Adenoma	
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
[Cyst TGLS = 2-12]			
[Inflammation TGLS = 2-12]			
Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-11]			
Spleen		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 401

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83-28231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Kidney	Pelvis	Lymphoma Malignant Lymphocytic
		Lymphoma Malignant Lymphocytic
Lymph Node	Iliac	Lymphoma Malignant Lymphocytic
	Mandibular	Lymphoma Malignant Lymphocytic
	Mediastinal	Lymphoma Malignant Lymphocytic
	Mesenteric	Lymphoma Malignant Lymphocytic
	Pancreatic	Lymphoma Malignant Lymphocytic
	Renal	Lymphoma Malignant Lymphocytic
Note: TGL 6 IS ON SLIDE III.		
Note: TGL 8 IS ON SLIDE V.		
Note: TGL 7 IS ON SLIDE IV.		
Note: TGL 3 IS ON SLIDE I.		
Note: LYMPH MAL LYMP TGLs = 7		
Note: LYMPH MAL LYMP TGLs = 6		
Note: LYMPH MAL LYMP TGLs = 1-2		
[Lymphoma Malignant Lymphocytic TGLS = 8]		
[Lymphoma Malignant Lymphocytic TGLS = 3]		
Prostate		Lymphoma Malignant Lymphocytic
Spleen		Lymphoma Malignant Lymphocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 401

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83-28231

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP TGLs = 4-2,5

Note: TGL 5 IS ON SLIDE II.

Stomach

Forestomach

Hyperplasia

Mild

Forestomach

Ulcer

Multiple, Mild

Note: ULCER TGLs = 9

Note: TGL 9 IS ON SLIDE 5B.

PRIMARY CAUSE OF DEATH

-

Animal Note: SMEAR IF ABDOMIAL FLUID: TGL 2 LYMPH MAL LYMPH: SLIDE 62.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 151	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152	TRT#: 7	SEX: Male	DAY ON TEST: 492
	DOSE: 50 MG/KG	DISP: Moribund	HISTO: A83-28921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Jejunum	Mammary Gland
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OBSERVATIONS

Kidney	Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3		
Note: TGL 3 ON SLIDE III.		
Note: TGL 2 IS ON SLIDE II.		
Note: HEPATOCLR ADEN TGLs = 2		
Spleen	Hematopoietic Cell Proliferation	Mild
Stomach	Erosion	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 609

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 5-13			
Pancreas	Acinus	Atrophy	Multifocal, Mild
[Atrophy TGLS = 3-13]			
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-12]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Atrophy	Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 673

DOSE: 50 MG/KG

DISP: Dead

HISTO: A85-1773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Focal Cellular Change	
		Hemangiosarcoma	
		Necrosis	Multifocal, Mild
Note: HEMANGIOSARCOMA IS INFARCTED.			
Note: HEMANGIOSARC TGLs = 8-14+4			
Note: [FOCAL CELL CH] TGLs = 7-13			
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 6-6			
Note: ANGIECTASIS TGLs = 6-6			
Note: HEMA CELL PROL TGLs = 6-6			
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
[Cyst TGLS = 2-12]			
[Inflammation TGLS = 2-12]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 673

DOSE: 50 MG/KG

DISP: Dead

HISTO: A85-1773

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Focal, Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Mild
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 2-6]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7]			
Stomach	Glandular	Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 668

DOSE: 50 MG/KG

DISP: Dead

HISTO: A85-1775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-12,3-12			
Lung		Alveolar/Bronchiolar Adenoma	
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
[Cyst TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
Prostate		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Coagulating Gland Note: DILATATION TGLs = 1-11		Dilatation	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Minimal
Liver Note: HEPATOCLR ADEN TGLs = 3-12 Note: FOCAL CELL CH ON SLIDE NUMBER 4.		Focal Cellular Change	
		Hepatocellular Adenoma	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-13			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle Note: DILATATION TGLs = 2-7		Dilatation	Moderate
Spleen		Lymphoma Malignant Mixed	
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1776

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Liver
Nose
Prostate
Spleen
Thymus

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Trachea

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Skin
Testes
Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney

Infiltration Cellular
Nephropathy

Lymphocyte, Multifocal, Mild
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Coagulating Gland		Dilatation	Moderate
Kidney		Nephropathy	Chronic, Mild
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Marked
Ovary			
Note: TGL 4 IS ON SLIDE 7B.			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7]			
Spleen		Hyperplasia	Lymphoid, Moderate
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160	TRT#: 7	SEX: Male	DAY ON TEST: 595
	DOSE: 50 MG/KG	DISP: Moribund	HISTO: A83-30332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Focal, Mild
Brain		Meningioma Malignant	
Note: MENINGIOMA MAL TGLs = 3-1			
Kidney		Nephropathy	Chronic, Minimal
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Marked
Note: TGL 1 IS ON SLIDE I. [Inflammation TGLS = 1]			
Stomach	Glandular	Erosion	Multiple, Minimal
Note: TGL 2 IS ON SLIDE 5B. Note: EROSION TGLs = 2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary 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

Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 1-11			
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 688

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Mammary Gland Thymus

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Medulla Medulla	Accessory Adrenal Cortical Nodule Hyperplasia Pheochromocytoma Benign	Focal, Mild
Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Multifocal, Mild Chronic, Mild
Liver		Hematopoietic Cell Proliferation Hepatocellular Carcinoma Pigmentation	Mild Multifocal, Moderate
	Kupffer Cell		
Note: [HEPATOCLR CARC]	TGLs = 4,5-12+13		
Lung		Hepatocellular Carcinoma	Metastatic (Liver), > Five (Liver), Multiple (Liver)
Note: HEPATOCLR CARC	TGLs = 6-6		
Lymph Node	Mesenteric Axillary	Angiectasis Hyperplasia	Mild Lymphoid, Marked
Note: HYPERPLASIA	TGLs = 7-14		
Preputial Gland		Inflammation	Subacute, Marked
Note: INFLAMMATION	TGLs = 3-15		
Skin	Subcut Tiss Epidermis	Fibrosis Hyperplasia	Focal, Mild Focal, Mild
	[Fibrosis TGLS = 2-11]		
	[Hyperplasia TGLS = 1-11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162	TRT#: 7	SEX: Male	DAY ON TEST: 688
	DOSE: 50 MG/KG	DISP: Moribund	HISTO: A85-1781

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 697
DOSE: 50 MG/KG **DISP:** Dead **HISTO:** A85-1782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hemangiosarcoma	
Liver		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 6-13			
Lymph Node	Mesenteric	Angiectasis	Marked
	Renal	Angiectasis	Marked
Note: ANGIECTASIS TGLs = 4-6,5-6			
[Angiectasis TGLS = 7-14]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-11]			
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
[Hemangiosarcoma TGLS = 2-12+8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: HEMANGIOSARCOMA IN LIVER, SPLEEN, AND BONE MARROW.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 732
DOSE: 50 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A85-1783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea			

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Blood		Leukocytosis	Moderate
		Polychromasia	Mild
[Leukocytosis TGLS = 1-61]			
[Polychromasia TGLS = 1-61]			
Bone Marrow		Hyperplasia	Mild
Coagulating Gland		Dilatation	Mild
		Inflammation	Subacute, Mild
Note: DILATATION TGLs = 6-7			
[Dilatation TGLS = 6-7]			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 11-17			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Fibrosis	Focal, Mild
Liver		Focal Cellular Change	
Note: FOCAL CELL CH TGLs = 9-15			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 10-16			
Salivary Glands		Fibrosarcoma	Extension (Skin), Metastatic (Skin)
Seminal Vesicle		Dilatation	Mild
		Inflammation	Subacute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1783

ORGAN AND ACCOUNTABLE SITE STATUS

Note: DILATATION TGLs = 5-7 [Dilatation TGLS = 5-7]			
Skin	Subcut Tiss	Fibrosarcoma	
	Subcut Tiss	Fibrosis	Focal, Mild
	Subcut Tiss	Fibrous Histiocytoma	
	Subcut Tiss	Inflammation	Subacute, Focal, Mild
Note: INFLAMMATION TGLs = 8-14 Note: FIBROSARC TGLs = 3-12,4-13 [Fibrosis TGLS = 2-11]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Marked
Urinary Bladder		Inflammation	Subacute, Mild
Note: INFLAMMATION TGLs = 7-5			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 165	TRT#: 7	SEX: Male	DAY ON TEST: 205
	DOSE: 50 MG/KG	DISP: Dead	HISTO: A83-27712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Epididymis
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Kidney	Liver	Lung	Lymph Node - Mesenteric
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Bone	Bone Marrow	Gallbladder	Islets, Pancreatic
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Preputial Gland	Duct	Cyst	
Note: TGL 3 IS ON SLIDE I.			
Note: CYST TGLs = 3			
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Blood		Leukocytosis	Mild
		Polychromasia	Mild
[Leukocytosis TGLS = 1-61]			
[Polychromasia TGLS = 1-61]			
Bone Marrow		Necrosis	Marked
Note: NECROSIS TGLs = 6-9			
Heart		Inflammation	Subacute, Multifocal, Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
[Angiectasis TGLS = 5-6]			
Skin	Subcut Tiss	Fibrosarcoma	
	Epidermis	Hyperplasia	Focal, Mild
	Subcut Tiss	Inflammation	Subacute, Focal, Mild
	Subcut Tiss	Metaplasia	Osseous, Focal, Moderate
Note: INFLAMMATION TGLs = 4-12			
Note: FIBROSARCOMA HAS OSSEOUS METAPLASIA.			
Note: METAPL TGLs = 2-11			
[Fibrosarcoma TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1785

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-12]

Spleen

Hematopoietic Cell Proliferation

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Dilatation	Mild
	Biliar Tract	Hepatocellular Adenoma	
		Proliferation	Mild
Note: ADENOMA IS INFARCTED. [Hepatocellular Adenoma TGLS = 1-11]			
Lymph Node	Mesenteric	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Multifocal, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-6]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169

TRT#: 7
DOSE: 50 MG/KG

SEX: Male
DISP: Dead

DAY ON TEST: 647
HISTO: A85-1788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Intestine Large	Cecum	Inflammation	Chronic, Marked
	Cecum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-12 [Lymphoma Malignant Mixed TGLS = 3-12]			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Lymphoma Malignant Mixed	
		Nephropathy	Chronic, Mild
Liver		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-11]			
Mesentery			
Note: NECRORIS ON SLIDE 5 WITH PANCREAS.			
Seminal Vesicle		Lymphoma Malignant Mixed	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
Thymus		Lymphoma Malignant Mixed	
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 647

DOSE: 50 MG/KG

DISP: Dead

HISTO: A85-1788

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland Thymus

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
	Kupffer Cell	Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 4-12]	Pigmentation	Multifocal, Moderate
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
	Inguinal	Inflammation	Subacute, Mild
	[Hyperplasia TGLS = 1-11]		
	[Inflammation TGLS = 1-11]		
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Marked
	[Cyst TGLS = 1-11]		
	[Inflammation TGLS = 1-11]		
Seminal Vesicle		Atrophy	Mild
	[Atrophy TGLS = 2-7]		
Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 732
DOSE: 50 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A85-1790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Nose
Pancreas	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Bone		Arthrosis	Chronic, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
		Hepatocellular Adenoma	
Note: FOCAL CELL CH ON SLIDE NUMBER 4. [Hepatocellular Adenoma TGLS = 2-12]			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mesenteric	Hyperplasia	Lymphoid, Moderate
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
[Cyst TGLS = 1-11] [Inflammation TGLS = 1-11]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Mild
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		[Hepatocellular Adenoma TGLS = 4-4]	
		[Hepatocellular Carcinoma TGLS = 3-12]	
Lymph Node	Mesenteric	Angiectasis	Mild
Prostate		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Prepuce	Developmental Malformation	Mild
		[Developmental Malformation TGLS = 1-11]	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 563

DOSE: 50 MG/KG

DISP: Dead

HISTO: A83-29859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum	Intestine Small - Duodenum	Mammary Gland
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OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Vacuolization Cytoplasmic	Focal, Mild
Lymph Node	Mesenteric	Angiectasis	Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 1-7]			
Spleen		Atrophy	Moderate
Thymus		Atrophy	Moderate
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Bone Marrow		Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-11]			
Lymph Node	Mesenteric	Angiectasis	Marked
[Angiectasis TGLS = 2-6]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Fibrosis	Focal, Mild
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Marked
Skin	Subcut Tiss	Cyst	
Spleen		Hyperplasia	Lymphoid, Mild
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 711

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hemangiosarcoma	
Epididymis		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Kidney	Renal Tubule	Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Necrosis	Multifocal, Moderate
		Nephropathy	Chronic, Minimal
Liver		Hemangiosarcoma	Four, Multiple
Note: NECROSIS IS PROMINENT IN THE LIVER SECTIONS. [Hemangiosarcoma TGLS = 7-12,8-13,9-14,10-15]			
Lung		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 11-6]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosis	Focal, Mild
	Epidermis	Hyperplasia	Focal, Mild
Note: FIBROSIS TGLs = 1-11 [Fibrosis TGLS = 2-11]			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 5-8			
Thyroid Gland	Follicle	Degeneration	Cystic, Moderate
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 711

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1795

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: ANIMAL HAS FIVE HEMANGIOSARCOMAS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 675

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Liver	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Heart	Valve	Bacterium	Moderate
	Valve	Thrombosis	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Inflammation	Suppurative, Acute, Multifocal, Mild
		Nephropathy	Chronic, Moderate
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Multifocal, Moderate
		Infiltration Cellular	Histiocyte, Multifocal, Mild
		[Alveolar/Bronchiolar Carcinoma TGLS = 3-6]	
		[Hyperplasia TGLS = 4-6]	
Lymph Node	Mesenteric	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
Thymus		Atrophy	Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 178	TRT#: 7	SEX: Male	DAY ON TEST: 60
	DOSE: 50 MG/KG	DISP: Dosing Accident	HISTO: A82-25441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mesenteric
Nose	Pancreas	Prostate	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Intestine Large - Rectum	Mammary Gland	Parathyroid Gland
Pituitary Gland			

OBSERVATIONS

Esophagus		Foreign Body Inflammation	Marked Suppurative, Acute, Marked
Note: INFLAMMATION TGLs = 5-3 [Inflammation TGLS = 5-3]			
Lung		Congestion Foreign Body	Marked Marked
Note: CONGESTION TGLs = 4-3	Mediastinum		
Lymph Node	Mandibular	Ectasia	Marked
Salivary Glands		Inflammation	Suppurative, Acute, Focal, Moderate
Skin	Subcut Tiss	Inflammation	Suppurative, Acute, Focal, Marked
Note: INFLAMMATION TGLs = 2 Note: TGL 2 ON SLIDE II.			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 179 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 433
DOSE: 50 MG/KG **DISP:** Dead **HISTO:** A83-28463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Pituitary Gland
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AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Jejunum	Lymph Node - Mesenteric
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OBSERVATIONS

Heart		Alveolar/Bronchiolar Carcinoma Fibrosis	Metastatic (Lung) Focal, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2]			
[Fibrosis TGLS = 4-2]			
Kidney		Fibrosis Infiltration Cellular Hepatocellular Carcinoma	Focal, Mild Lymphocyte, Multifocal, Mild
Liver			
Note: TGL 2 IS ON SLIDE II.			
[Hepatocellular Carcinoma TGLS = 2]			
Lung		Alveolar/Bronchiolar Carcinoma Hepatocellular Carcinoma	> Five, Multiple Metastatic (Liver)
[Alveolar/Bronchiolar Carcinoma TGLS = 5-4]			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Skeletal Muscle		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung), Multiple (Lung), Two (Lung)
Note: TGL 3 IS ON SLIDE III.			
[Alveolar/Bronchiolar Carcinoma TGLS = 3]			
Stomach	Forestomach Forestomach	Hyperplasia Inflammation	Moderate Subacute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 433

DOSE: 50 MG/KG

DISP: Dead

HISTO: A83-28463

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Mild
		Nephropathy	Chronic, Marked
	[Infiltration Cellular TGLS = 2-8]		
	[Nephropathy TGLS = 2-8]		
Liver		Focal Cellular Change	
		Hepatocellular Carcinoma	
	Note: FOCAL CELL CH ON SLIDE NUMBER 4.		
	[Hepatocellular Carcinoma TGLS = 3-12]		
Skin	Subcut Tiss	Fibrosis	Focal, Minimal
	Note: FIBROSIS TGLs = 1-11		
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Mild
		Cyst	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 181	TRT#: 7	SEX: Male	DAY ON TEST: 682
	DOSE: 50 MG/KG	DISP: Moribund	HISTO: A85-1800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: ADENOMA ON SLIDE NUMBER 4. [Hepatocellular Carcinoma TGLS = 3-11+23]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-12]			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182	TRT#: 7	SEX: Male	DAY ON TEST: 573
	DOSE: 50 MG/KG	DISP: Dead	HISTO: A83-30018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Jejunum
Kidney	Lung	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Colon	Intestine Small - Duodenum	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Liver		Hepatocellular Carcinoma	
		Necrosis	Multifocal, Moderate
Note: TGL 2 IS ON SLIDE 1.			
Note: LARGE AREA OF NEOPLASM IS NECROTIC.			
[Hepatocellular Carcinoma TGLS = 2]			
Lymph Node	Mesenteric	Angiectasis	Marked
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Spleen		Atrophy	Mild
[Atrophy TGLS = 1-2]			
Stomach	Forestomach	Hyperplasia	Mild
Thymus		Atrophy	Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
	Subcut Tiss	Fibrosis	Focal, Moderate
	Epidermis	Hyperplasia	Focal, Mild
[Fibrosarcoma TGLS = 2-11]			
[Fibrosis TGLS = 2-11]			
[Hyperplasia TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Inflammation	Subacute, Focal, Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
Liver		Embolus Tumor	
		Hepatocellular Carcinoma	
	Sinusoid	Infiltration Cellular	Polymorphnuclr, Minimal
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Note: EMBOLUS TUMOR	TGLs = 1-11		
Note: HEPATOCLR CARC	TGLs = 1-11		
Lung		Hepatocellular Carcinoma	Metastatic (Liver), Four (Liver), Multiple (Liver)
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 652

DOSE: 50 MG/KG

DISP: Dead

HISTO: A85-1804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-11]			
Lymph Node	Mesenteric	Angiectasis	Mild
Stomach	Glandular	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 506

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A83-29137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart	Endothelium	Hyperplasia	Moderate
Kidney		Carcinoma	Metastatic (Seminal Vesicle)
Liver		Hepatocellular Carcinoma	
Note: TGL 6 ON SLIDE IV.			
Note: HEPATOCLR CARC TGLs = 6			
Lung	Mediastinum	Carcinoma	Metastatic (Seminal Vesicle), > Five (Seminal Vesicle), Multiple (Seminal Vesicle)
		Carcinoma	Metastatic (Seminal Vesicle), > Five (Seminal Vesicle), Multiple (Seminal Vesicle)
Note: CARCINOMA TGLs = 8-4,9-4			
Note: CARCINOMA TGLs = 8-4,9-4			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Seminal Vesicle)
Seminal Vesicle		Carcinoma	
Note: TGL 1 IS ON SLIDE I.			
Note: RARE NEOPLASM.			
[Carcinoma TGLS = 1]			
Skeletal Muscle	Abdominal	Carcinoma	Metastatic (Seminal Vesicle)
	Diaphragm	Carcinoma	Metastatic (Seminal Vesicle)
	Intercostal	Carcinoma	Metastatic (Seminal Vesicle)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 506

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A83-29137

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 5 ON SLIDE III.

Note: TGL 4 ON SLIDE II.

Note: TGL 7 ON SLIDE V.

[Carcinoma TGLS = 5]

[Carcinoma TGLS = 4]

[Carcinoma TGLS = 7]

Stomach	Glandular Forestomach	Carcinoma Inflammation	Metastatic (Seminal Vesicle) Subacute, Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.

PRIMARY CAUSE OF DEATH

-

Animal Note: RARE NEOPLASM: SEM VES NEOPLASM DIFFICULT CASE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Coagulating Gland		Dilatation	Marked
Note: DILATATION	TGLs = 5-14		
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Carcinoma	
		Nephropathy	Chronic, Minimal
Note: CARCINOMA	TGLs = 6-15		
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 8-6		
Lymph Node	Mesenteric	Angiectasis	Mild
	Inguinal	Hyperplasia	Lymphoid, Moderate
[Angiectasis TGLS = 7-6]			
[Hyperplasia TGLS = 1-11]			
Nose		Inflammation	Suppurative, Acute, Minimal
Preputial Gland	Duct	Cyst	
		Hyperplasia	Moderate
		Inflammation	Subacute, Moderate
Note: CYST	TGLs = 3-13		
Note: HYPERPLASIA	TGLs = 3-13		
[Inflammation TGLS = 3-13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1806

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle	Dilatation	Mild
Skin	Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 4-13		
Spleen	Hyperplasia	Lymphoid, Mild
Tooth	Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 579

DOSE: 50 MG/KG

DISP: Dead

HISTO: A83-30333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Fibrosis	Focal, Mild
Lung	Mediastinum	Foreign Body	Moderate
	Mediastinum	Inflammation	Chronic, Moderate
Mesentery	Fat	Necrosis	Focal, Mild
Pancreas		Necrosis	Multifocal, Mild
Skeletal Muscle		Hemangiosarcoma	
Note: TGL 1 IS ON SLIDE I.			
Note: NEOPLASM IS NECROTIC.			
[Hemangiosarcoma TGLS = 1]			
Skin	Subcut Tiss	Inflammation	Subacute, Focal, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Multifocal, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-6]			
Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-11]			
Spleen		Hyperplasia	Lymphoid, Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 693

DOSE: 50 MG/KG

DISP: Dead

HISTO: A85-1809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Liver
Pancreas
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Lung
Pituitary Gland
Thymus

Bone
Esophagus
Intestine Large - Rectum
Lymph Node - Mandibular
Prostate
Thyroid Gland

Bone Marrow
Gallbladder
Intestine Small - Duodenum
Nose
Seminal Vesicle
Trachea

MISSING

Mammary Gland

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Lymph Node - Mesenteric

Intestine Small - Ileum
Stomach - Forestomach

Intestine Small - Jejunum
Stomach - Glandular

Islets, Pancreatic

OBSERVATIONS

Kidney
Salivary Glands
Skin

Prepuce
Subcut Tiss

Infiltration Cellular
Infiltration Cellular
Developmental Malformation
Fibrosarcoma

Lymphocyte, Multifocal, Minimal
Lymphocyte, Multifocal, Minimal
Mild

[Developmental Malformation TGLS = 2-12]

[Fibrosarcoma TGLS = 1-11]

Spleen

Hematopoietic Cell Proliferation

Mild

Note: HEMA CELL PROL TGLs = 3-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Kidney	Infiltration Cellular	Lymphocyte, Multifocal, Minimal
	Nephropathy	Chronic, Minimal
Liver	Hepatocellular Adenoma	
	Mineralization	Focal, Minimal
	Pigmentation	Hematoidin, Minimal
Note: MINERALIZATION AND PIGMENT ON SLIDE 3 NEXT TO GALLBLADDER. [Hepatocellular Adenoma TGLS = 2-12]		
Salivary Glands	Infiltration Cellular	Lymphocyte, Multifocal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 192	TRT#: 7	SEX: Male	DAY ON TEST: 11
	DOSE: 50 MG/KG	DISP: Dosing Accident	HISTO: A82-24856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	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

Esophagus	Pituitary Gland
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OBSERVATIONS

Lung	Foreign Body	Moderate
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Prostate
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Focal Cellular Change	
		Hepatocellular Adenoma	
[Focal Cellular Change TGLS = 4-14]			
[Hepatocellular Adenoma TGLS = 3-13]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Cyst	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-12]			
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex, Spindle Cell	Hyperplasia	Focal, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Mild
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-12			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Hemangioma	
Note: [HEMANGIOMA] TGLs = 1-11			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 195	TRT#: 7	SEX: Male	DAY ON TEST: 491
	DOSE: 50 MG/KG	DISP: Dead	HISTO: A83-28922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Harderian Gland
Note: CARCINOMA UNUSUAL BECAME OF EXTENSIVE METASTASIS.

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	

Note: TGL 3 AND 5 ARE ON SLIDES I AND III: TGL 4 IS ON SLIDE II.
[Hemangiosarcoma TGLS = 3,5]
[Hepatocellular Adenoma TGLS = 4]

Lymph Node	Mesenteric	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 2-2]	
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Testes
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Skin	Subcut Tiss	Cyst	
	Sebaceous GI	Hyperplasia	Focal, Moderate
		Squamous Cell Papilloma	
Note: [HYPERPLASIA] TGLs = 1-11 [Squamous Cell Papilloma TGLS = 1-11]			
Spleen		Hyperplasia	Lymphoid, Moderate
Stomach	Glandular	Mineralization	Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Adenoma	Multiple, Three
[Hepatocellular Adenoma TGLS = 1-11,2-12,3-13]			
Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-6]		Infiltration Cellular	Histiocyte, Multifocal, Mild
Lymph Node	Mesenteric	Angiectasis	Mild
Parathyroid Gland		Cyst	
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-12			
Pancreas	Acinus	Atrophy	Multifocal, Marked
	Duct	Cyst	
[Cyst TGLS = 1-11]			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
Note: PREPUTIAL GLAND IS ON SLIDE 7			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Stomach	Glandular	Mineralization	Moderate
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Coagulating Gland		Dilatation	Moderate
Note: DILATATION	TGLs = 1-11		
Kidney		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
		Nephropathy	Chronic, Minimal
		Hemangiosarcoma	
Liver			
Note: HEMANGIOSARC	TGLs = 3-4		
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Minimal
Seminal Vesicle		Dilatation	Moderate
Spleen		Hemangiosarcoma	
		Hyperplasia	Lymphoid, Mild
Note: HEMANGIOSARC	TGLs = 2-12		
Thyroid Gland	Follicle	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-8]			
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Pituitary Gland

OBSERVATIONS

Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 2	SEX: Female	DAY ON TEST: 700
	DOSE: VEHICLE CONTROL	DISP: Moribund	HISTO: A85-1821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Multifocal, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 4-14]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 3-13]			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus		Leiomyoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Focal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Pituitary Gland

OBSERVATIONS

Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-4]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Mammary Gland		Adenocarcinoma	
Nose	Nasolacrim Dct	Foreign Body	Marked
	Nasolacrim Dct	Inflammation	Subacute, Mild
Ovary		Cyst	
[Cyst TGLS = 3-7]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 5	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 7-14]		
	[Lymphoma Malignant Mixed TGLS = 6-13]		
Ovary		Cyst	Two
	[Cyst TGLS = 3-7,4-7]		
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 5-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-23]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Thyroid Gland	Follicle	Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 7	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Ovary		Cystadenoma	Papillary
Note: CYSTADENOMA	TGLs = 4-7		
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

MISSING

Ovary

OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-8]			
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7,4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multiple, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-6.1			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 6-13]		
	[Lymphoma Malignant Mixed TGLS = 7-14]		
Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-8]		
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
	[Hydrometra TGLS = 3-7]		
	[Hyperplasia TGLS = 4-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11	TRT#: 2	SEX: Female	DAY ON TEST: 598
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A83-30335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum
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OBSERVATIONS

Liver	Necrosis	Focal, Mild
Ovary	Carcinoma	
	Cyst	
Note: [CARCINOMA] TGLs = 2-7 [Cyst TGLS = 2-7]		
Uterus	Endometrium	Hyperplasia
		Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Kidney		Nephropathy	Chronic, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Marked
[Atrophy TGLS = 4-5]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Mammary Gland	Duct	Cyst	
Ovary		Cyst	
		Hyperplasia	Tubular, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Focal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

[Polyp Stromal TGLS = 3-13]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14

TRT#: 2

SEX: Female

DAY ON TEST: 644

DOSE: VEHICLE CONTROL

DISP: Dead

HISTO: A85-1833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Brain	Meninges	Inflammation	Suppurative, Acute, Moderate
Kidney		Inflammation	Suppurative, Acute, Multifocal, Moderate
Liver	Sinusoid	Abscess	Mild
		Infiltration Cellular	Polymorphnuclr, Moderate
[Abscess TGLS = 6-13]			
[Infiltration Cellular TGLS = 5-4]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary		Abscess	Marked
[Abscess TGLS = 3-7]			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15	TRT#: 2	SEX: Female	DAY ON TEST: 456
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A83-28627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Metaplasia	Osseous, Focal, Minimal
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lymph Node	Renal	Hyperplasia	Lymphoid, Marked
Note: LYMPH NODE: HYPERPLASIA ON SLIDE II [Hyperplasia TGLS = 5]			
Ovary		Abscess	Marked
Note: OVARY: ABSCESS ON SLIDE 7B [Abscess TGLS = 3]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Gallbladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
Thyroid Gland	Follicular Cel	Adenoma	Cystic
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate

[Hydrometra TGLS = 2-7]
[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hyperplasia	Focal, Marked
Kidney		Nephropathy	Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Stomach	Glandular	Inflammation	Subacute, Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Ovary

OBSERVATIONS

Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Mammary Gland	Duct	Cyst	
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 5-22]			
Ovary		Cyst	
[Cyst TGLS = 2-7]			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	Follicular Cel	Adenoma	Cystic
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 3-7]			
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 20	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-22]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21	TRT#: 2	SEX: Female	DAY ON TEST: 491
	DOSE: VEHICLE CONTROL	DISP: Moribund	HISTO: A83-28925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	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		

OBSERVATIONS

Parathyroid Gland		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Blood		Leukocytosis	
[Leukocytosis TGLS = 1-61]			
Bone Marrow		Hyperplasia	Marked
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Mesentery		Abscess	Marked
[Abscess TGLS = 6-15]			
Ovary		Abscess	Marked
[Abscess TGLS = 5-14]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 4-13]			
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	Follicle	Degeneration	Cystic, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Furfural

CAS Number: 98-01-1

Date Report Requested: 10/21/2014

Time Report Requested: 10:32:57

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25	TRT#: 2	SEX: Female	DAY ON TEST: 492
	DOSE: VEHICLE CONTROL	DISP: Moribund	HISTO: A83-28926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	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

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Skin	Subcut Tiss	Fibrosarcoma	
Note: SKIN: FIBROSARCOMA ON SLIDE II [Fibrosarcoma TGLS = 2]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26	TRT#: 2	SEX: Female	DAY ON TEST: 11
	DOSE: VEHICLE CONTROL	DISP: Dosing Accident	HISTO: A82-24857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - 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

Gallbladder

OBSERVATIONS

Lung	Mediastinum	Foreign Body	Marked
	Mediastinum	Inflammation	Suppurative, Acute, Marked

Note: LUNG: TGL 2 IS IN MEDIASTINAL CAVITY
[Foreign Body TGLS = 2]
[Inflammation TGLS = 2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Lymphoma Malignant Mixed Nephropathy	Chronic, Minimal
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-14]		
	[Lymphoma Malignant Mixed TGLS = 4-13]		
	[Lymphoma Malignant Mixed TGLS = 2-12]		
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 3-8]		
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Ovary		Cystadenoma	Papillary
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 2	SEX: Female	DAY ON TEST: 473
	DOSE: VEHICLE CONTROL	DISP: Moribund	HISTO: A83-28751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Bone Marrow		Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY	TGLs = 6-6		
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
Note: HYPERPLASIA	TGLs = 7		
Note: LYMPH NODE: HYPERPLASIA ON SLIDE IV			
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 3,4-7		
Pancreas	Duct	Cyst	
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Parathyroid Gland	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

OBSERVATIONS

Bone Marrow		Hemangiosarcoma	
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-12			
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus		Hydrometra	Minimal
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 4-7]			
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-6]		
Ovary		Abscess	Marked
	[Abscess TGLS = 2-7]		
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 4-8]		
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lung		Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 6-13]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary		Abscess	Mild
[Abscess TGLS = 3-7]			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-8]			
Thyroid Gland	Follicle	Cyst	Cystic, Minimal
	Follicle	Degeneration	Cystic, Moderate
Uterus	Endometrium	Hyperplasia	Suppurative, Acute, Mild
[Hyperplasia TGLS = 4-7]		Inflammation	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach

Bone
Heart
Intestine Small - Duodenum
Liver
Nose
Pituitary Gland
Stomach - Glandular

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Salivary Glands
Thymus

OBSERVATIONS

Bone Marrow
Kidney
Lymph Node
Spleen
 [Hematopoietic Cell Proliferation TGLS = 3-8]
Thyroid Gland
Urinary Bladder
Uterus
 [Hyperplasia TGLS = 4-7]
 [Inflammation TGLS = 4-7]

Mesenteric

Follicle
C Cell

Endometrium

Hyperplasia
Nephropathy
Hyperplasia
Hematopoietic Cell Proliferation
Degeneration
Hyperplasia
Infiltration Cellular
Hyperplasia
Inflammation

Moderate
Chronic, Minimal
Lymphoid, Mild
Marked
Cystic, Minimal
Focal, Minimal
Lymphocyte, Multifocal, Minimal
Cystic, Moderate
Suppurative, Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34	TRT#: 2	SEX: Female	DAY ON TEST: 662
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A85-1853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	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

Gallbladder	Intestine Small - Duodenum
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OBSERVATIONS

Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4-13]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35

TRT#: 2

SEX: Female

DAY ON TEST: 620

DOSE: VEHICLE CONTROL

DISP: Moribund

HISTO: A85-1854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Mammary Gland
Nose	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Mild
	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lung		Alveolar/Bronchiolar Carcinoma	Multiple, Two
		Infiltration Cellular	Histiocyte, Multifocal, Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 7-6]		
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
	Mesenteric	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLS = 6-13]		
	[Hyperplasia TGLS = 5-12]		
Ovary		Abscess	Marked
	[Abscess TGLS = 3-7+14]		
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-8]		
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35

TRT#: 2

SEX: Female

DAY ON TEST: 620

DOSE: VEHICLE CONTROL

DISP: Moribund

HISTO: A85-1854

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36	TRT#: 2	SEX: Female	DAY ON TEST: 405
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A83-28296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Pituitary Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Jejunum
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OBSERVATIONS

Liver		Hematopoietic Cell Proliferation	Moderate
Lung	Mediastinum	Inflammation	Suppurative, Acute, Marked
Mesentery		Inflammation	Suppurative, Acute, Moderate
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 3-7		
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Mammary Gland		Adenoacanthoma	
[Adenoacanthoma TGLS = 2-12]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-8]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38

TRT#: 2

SEX: Female

DAY ON TEST: 648

DOSE: VEHICLE CONTROL

DISP: Moribund

HISTO: A85-1857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Lymphoma Malignant Mixed	
Liver		Focal Cellular Change	
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 7-13,8-14,9-15			
Note: FOCAL CELL CH TGLs = 10-16			
Lung	Mediastinum	Lymphoma Malignant Mixed	
		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLs = 12-18]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLs = 13-19]			
Mesentery		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLs = 11-17]			
Ovary		Cyst	
[Cyst TGLs = 4-7]			
Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLs = 5-8]			
[Lymphoma Malignant Mixed TGLs = 5-8]			
Thymus		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 2	SEX: Female	DAY ON TEST: 671
	DOSE: VEHICLE CONTROL	DISP: Dead	HISTO: A85-1858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric	Parathyroid Gland	Thymus
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Liver		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4-4			
Mesentery		Lymphoma Malignant Histiocytic	
	Fat	Necrosis	Focal, Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

Animal Note: RED COLOR IN MANY TISSUES PROBABLY AUTOLYSIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Parathyroid Gland
Stomach - Glandular

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Skin
Trachea

OBSERVATIONS

Lymph Node

Ovary
 [Cyst TGLS = 3-7]
Salivary Glands
Spleen
Thymus
Uterus
 [Hyperplasia TGLS = 4-7]

Mandibular
Mesenteric

Endometrium

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Cyst

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-12]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Furfural

CAS Number: 98-01-1

Date Report Requested: 10/21/2014

Time Report Requested: 10:32:57

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 2

SEX: Female

DAY ON TEST: 543

DOSE: VEHICLE CONTROL

DISP: Dead

HISTO: A83-29637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Salivary Glands
Thymus

OBSERVATIONS

Bone Marrow
Lung
Mesentery
Ovary
[Abscess TGLS = 2-7,3-7]
Spleen
[Hematopoietic Cell Proliferation TGLS = 4-2]
Uterus

Mediastinum

Endometrium

Hyperplasia
Inflammation
Inflammation
Abscess

Hematopoietic Cell Proliferation

Hyperplasia

Moderate
Suppurative, Acute, Mild
Suppurative, Acute, Mild
Marked

Marked

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Mammary Gland	Duct	Cyst	
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: PIGMENT TGLs = 4-2 [Adenoma TGLS = 4-2] [Angiectasis TGLS = 4-2]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin		Squamous Cell Papilloma	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44

TRT#: 2

SEX: Female

DAY ON TEST: 576

DOSE: VEHICLE CONTROL

DISP: Moribund

HISTO: A83-30336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	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	

OBSERVATIONS

Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
Lung		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Moderate
	[Hepatocellular Carcinoma TGLS = 4-13]		
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85-1865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-6			
Mammary Gland	Duct	Cyst	
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7			
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:57
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 648
DOSE: VEHICLE CONTROL **DISP:** Dead **HISTO:** A85-1866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Intestine Small	Ileum	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 6-14]		
Lung		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 10-6]		
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 3-12]		
	[Lymphoma Malignant Mixed TGLS = 5-13]		
	[Lymphoma Malignant Mixed TGLS = 7-15]		
	[Lymphoma Malignant Mixed TGLS = 8-16]		
	[Lymphoma Malignant Mixed TGLS = 9-3]		
Ovary		Lymphoma Malignant Mixed	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
Thymus		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Ovary		Cyst	
Note: CYST	TGLs = 3-7		
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49	TRT#: 2	SEX: Female	DAY ON TEST: 630
	DOSE: VEHICLE CONTROL	DISP: Moribund	HISTO: A85-1868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Pancreas	Duct	Cyst	
[Cyst TGLS = 4-11]			
Uterus		Hydrometra	Mild
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85-1869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

OBSERVATIONS

Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 51	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary		Cyst	
[Cyst TGLS = 3-7]			
Stomach	Forestomach	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 52	TRT#: 4	SEX: Female	DAY ON TEST: 382
	DOSE: 175 MG/KG	DISP: Moribund	HISTO: A83-28083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	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	

OBSERVATIONS

Uterus	Endometrium	Hyperplasia	Cystic, Marked
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 53 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 731
DOSE: 175 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A85-1872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Liver		Hepatocellular Carcinoma	
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: HEPATOCLR CARC TGLs = 4-13			
Note: UNUSUAL NEOPLASM WITH OVAL CELL PROLIFERATION			
Note: SOME HEPATOCYTES RESEMBLE GANGLION CELLS			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicular Cel	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 54

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Ovary	Parathyroid Gland	Skin	Stomach - Forestomach
Thymus	Trachea		

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
		[Hepatocellular Adenoma TGLS = 4-22]	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 5-12]	
		[Lymphoma Malignant Mixed TGLS = 6-3]	
Pancreas		Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 3-23]	
Stomach	Glandular	Lymphoma Malignant Mixed	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Urinary Bladder		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 54	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1873

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Ovary		Cyst	
[Cyst TGLS = 3-7]			
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Glandular	Mineralization	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 56	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
Note: FOCAL CELL CH TGLs = 3-12			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 57	TRT#: 4	SEX: Female	DAY ON TEST: 615
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A84-31193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Thymus
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OBSERVATIONS

Liver		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 6-5]			
Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-23]			
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 5-24]		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 58	TRT#: 4	SEX: Female	DAY ON TEST: 634
	DOSE: 175 MG/KG	DISP: Moribund	HISTO: A84-31194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-22]			
Ovary		Cyst	
[Cyst TGLS = 2-7]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-23]			
Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 3-7]			
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59	TRT#: 4	SEX: Female	DAY ON TEST: 586
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A83-30326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Lung	Mediastinum	Inflammation	Subacute, Moderate
Mesentery		Inflammation	Subacute, Moderate
Note: IMFLAMMATION ON SLIDE 5 AND 7.			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
[Angiectasis TGLS = 5-1]			
Stomach	Glandular	Inflammation	Subacute, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 60

TRT#: 4

SEX: Female

DAY ON TEST: 526

DOSE: 175 MG/KG

DISP: Dead

HISTO: A83-29490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Heart		Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Mammary Gland		Lymphoma Malignant Mixed	
Ovary		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 2-6]	
Stomach	Forestomach	Hyperplasia	Mild
Thymus		Lymphoma Malignant Mixed	
		Note: TGL 3 IS ON SLIDE II.	
		[Lymphoma Malignant Mixed TGLS = 3]	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Acute, Mild
		Lymphoma Malignant Mixed	

Note: INFLAMMATION TGLs = 4-7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 60

TRT#: 4

SEX: Female

DAY ON TEST: 526

DOSE: 175 MG/KG

DISP: Dead

HISTO: A83-29490

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-7]

[Inflammation TGLS = 4-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary		Cyst	
[Cyst TGLS = 2-7]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Gallbladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Focal Cellular Change	
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: PIGMENT TGLs = 2-12			
Ovary		Cystadenoma	Papillary
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 3-2			
Note: ADENOMA TGLs = 3-2			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 63

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-6]			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
[Adenoma TGLS = 6-2]			
[Angiectasis TGLS = 6-2]			
[Cyst TGLS = 6-2]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-5]			
Thymus		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 64	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Fibrosis	Focal, Minimal
		Nephropathy	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mesenteric	Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-11]			
Ovary		Cyst	
[Cyst TGLS = 1-7]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 65	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-12			
Kidney		Nephropathy	Chronic, Mild
Liver	Serosa, Subserosa	Hepatocellular Carcinoma	
Note: PIGMENT TGLs = 2-11			
[Hepatocellular Carcinoma TGLS = 1-21]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-6			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 66

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

OBSERVATIONS

Kidney		Fibrosis	Focal, Mild
		Nephropathy	Chronic, Minimal
Ovary		Cyst	
[Cyst TGLS = 1-7]			
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 67	TRT#: 4	SEX: Female	DAY ON TEST: 662
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A84-31195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	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	

OBSERVATIONS

Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 68	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Ovary		Cyst	
[Cyst TGLS = 2-7]			
Stomach	Forestomach	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 69

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: PIGMENT TGLs = 4-12 [Pigmentation TGLS = 4-12]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Skin	Subcut Tiss	Fibrosis	Focal, Mild
		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 2-22			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 70	TRT#: 4	SEX: Female	DAY ON TEST: 670
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A84-31196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney	Renal Tubule	Pigmentation	Hemosiderin, Multifocal, Mild
Ovary		Cyst	
		Hemorrhage	Marked
[Cyst TGLS = 3-7]			
[Hemorrhage TGLS = 5-7]			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 4-7]			
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71

TRT#: 4

SEX: Female

DAY ON TEST: 442

DOSE: 175 MG/KG

DISP: Moribund

HISTO: A83-28622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
	Mandibular	Hyperplasia	Lymphoid, Marked
	Renal	Hyperplasia	Lymphoid, Marked
Note: TGL 5 AND 6 ON SLIDE II AND III [Hyperplasia TGLS = 5] [Hyperplasia TGLS = 6]			
Ovary		Teratoma	
Note: TERATOMA TGLs = 3 Note: TERATOMA ON SLIDE 7B, TGL3 Note: TERATOMA HAS BONE CARTILAGE AND SQUAMOUS EPITHELIUM			
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-2			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Lung		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-8]			
Thyroid Gland	Follicle	Cyst	
	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 73

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Mammary Gland	Nose	Ovary	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: SEROSAL LESIONS ON SLIDE 13 WITH ADENOMA [Hepatocellular Adenoma TGLS = 5-13]			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-12]			
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-8]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea			

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Accessory Adrenal Cortical Nodule	
Kidney		Nephropathy	Chronic, Minimal
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 75	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Ovary		Cyst	
[Cyst TGLS = 2-7.1]			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 5-24]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 4-13]			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Focal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 4-6]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 2-22			
Thyroid Gland	Follicular Cel	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 78	TRT#: 4	SEX: Female	DAY ON TEST: 596
	DOSE: 175 MG/KG	DISP: Moribund	HISTO: A83-30327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver	Subserosa	Inflammation	Chronic, Multifocal, Minimal
		Necrosis	Multifocal, Mild
	Subserosa	Pigmentation	Multifocal, Minimal
Ovary		Cyst	
		Lymphoma Malignant Mixed	
	[Cyst TGLS = 3-7]		
	[Lymphoma Malignant Mixed TGLS = 3-7]		
Spleen		Lymphoma Malignant Mixed	
Stomach	Forestomach	Squamous Cell Papilloma	
Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79	TRT#: 4	SEX: Female	DAY ON TEST: 246
	DOSE: 175 MG/KG	DISP: Moribund	HISTO: A83-27711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder	Lymph Node - Mandibular
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OBSERVATIONS

Kidney		Amyloid Deposition	Marked
	Renal Tubule	Dilatation	Multifocal, Moderate
Note: AMYLOID DEP TGLs = 3-6 [Amyloid Deposition TGLS = 3-6]			
Spleen		Atrophy	Moderate
Note: ATROPHY TGLs = 2-2			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lung		Pigmentation	Hemosiderin, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Stomach	Forestomach	Mineralization	Mild
Thyroid Gland	Follicle	Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: 35

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 81	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lung
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 82

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-12]			
Ovary		Abscess	Mild
		Cyst	
[Abscess TGLS = 3-7]			
[Cyst TGLS = 2-7]			
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-8]			
Uterus		Inflammation	Suppurative, Acute, Mild
[Inflammation TGLS = 4-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 83	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Glandular	Thymus	Trachea

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Necrosis	Multifocal, Minimal
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Furfural

CAS Number: 98-01-1

Date Report Requested: 10/21/2014

Time Report Requested: 10:32:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 84

TRT#: 4

SEX: Female

DAY ON TEST: 514

DOSE: 175 MG/KG

DISP: Dead

HISTO: A83-29289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Salivary Glands
Thymus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Skin
Thyroid Gland

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow
Kidney
Mesentery

Hyperplasia
Nephropathy
Inflammation

Minimal
Chronic, Minimal
Suppurative, Acute, Mild

Note: MESENTERY: INFLAMMATION ON SLIDE 5

Ovary
[Abscess TGLS = 1-7]

Abscess

Marked

Spleen
[Hematopoietic Cell Proliferation TGLS = 2-2]

Hematopoietic Cell Proliferation

Marked

Uterus
Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-11]			
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 86	TRT#: 4	SEX: Female	DAY ON TEST: 654
	DOSE: 175 MG/KG	DISP: Moribund	HISTO: A84-31197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	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

Mammary Gland

OBSERVATIONS

Uterus	Endometrium	Hyperplasia	Cystic, Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87	TRT#: 4	SEX: Female	DAY ON TEST: 654
	DOSE: 175 MG/KG	DISP: Moribund	HISTO: A84-31198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Thymus
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OBSERVATIONS

Blood		Leukocytosis	
[Leukocytosis TGLS = 1-61]			
Bone Marrow		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
	Subserosa	Inflammation	Chronic, Multifocal, Minimal
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 2-21]			
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 88	TRT#: 4	SEX: Female	DAY ON TEST: 633
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A84-31199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Harderian Gland		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Liver		Vacuolization Cytoplasmic	Diffuse, Mild
[Vacuolization Cytoplasmic TGLS = 5-5]			
Thyroid Gland	Follicle	Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89	TRT#: 4	SEX: Female	DAY ON TEST: 601
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A83-30328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Small - Duodenum	Intestine Small - Ileum
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OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Mesentery		Inflammation	Suppurative, Acute, Moderate
Note: MESENTERY: INFLAMMATION ON SLIDE 5			
Ovary		Abscess	Marked
[Abscess TGLS = 4-7]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 90

TRT#: 4

SEX: Female

DAY ON TEST: 615

DOSE: 175 MG/KG

DISP: Dead

HISTO: A84-31200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Lymphoma Malignant Mixed	
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
[Hepatocellular Adenoma TGLS = 7-25]			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 10-26]			
[Lymphoma Malignant Mixed TGLS = 4-24]			
[Lymphoma Malignant Mixed TGLS = 3-23]			
[Lymphoma Malignant Mixed TGLS = 11-27]			
[Lymphoma Malignant Mixed TGLS = 12-28]			
[Lymphoma Malignant Mixed TGLS = 2-22]			
[Lymphoma Malignant Mixed TGLS = 9-2]			
Mesentery		Lymphoma Malignant Mixed	
Note: MESENTERY: LYMPHOMA AROUND OVARY, SLIDE 7			
Ovary		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 90	TRT#: 4	SEX: Female	DAY ON TEST: 615
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A84-31200

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen [Lymphoma Malignant Mixed TGLS = 6-2]		Lymphoma Malignant Mixed	
Stomach [Squamous Cell Papilloma TGLS = 14-30]	Forestomach	Squamous Cell Papilloma	
Thymus		Lymphoma Malignant Mixed	
Urinary Bladder		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 91	TRT#: 4	SEX: Female	DAY ON TEST: 549
	DOSE: 175 MG/KG	DISP: Dead	HISTO: A83-29709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
Note: LIVER: TGL 3 ON SLIDE II [Hepatocellular Carcinoma TGLS = 3]			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Gallbladder	Pituitary Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 643
DOSE: 175 MG/KG **DISP:** Dead **HISTO:** A84-31201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Gallbladder	Thymus
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Mammary Gland	Duct	Cyst	
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 4-23			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-24]			
Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Focal, Moderate
Note: HYPERPLASIA TGLs = 3-3			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 94	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-13]			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-6]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary		Cyst	
[Cyst TGLS = 3-7]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 95

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-14]			
Kidney		Nephropathy	Chronic, Minimal
Liver	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Minimal
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
[Inflammation TGLS = 4-13]			
[Pigmentation TGLS = 4-13]			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-8]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

MISSING

Gallbladder

OBSERVATIONS

Brain		Compression	Mild
		Hemorrhage	Focal, Mild
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Mammary Gland	Duct	Cyst	
Mesentery	Fat	Necrosis	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 2-2]			
[Angiectasis TGLS = 2-2]			
Stomach	Glandular	Inflammation	Subacute, Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
	Follicular Cel	Hyperplasia	Cystic, Focal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mesenteric	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-12]			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 98	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 3-11]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 99	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 175 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus		Angiectasis	Moderate

Note: [ANGIECTASIS] TGLs = 2-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver	Serosa, Subserosa	Inflammation	Chronic, Multifocal, Mild
	Serosa, Subserosa	Pigmentation	Multifocal, Minimal
Note: PIGMENT TGLs = 5-13 [Inflammation TGLS = 5-13]			
Mesentery	Fat	Necrosis	Focal, Mild
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	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		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Intestine Small [Lymphoma Malignant Mixed TGLS = 3-11]	Jejunum	Lymphoma Malignant Mixed	
Lymph Node Ovary [Cyst TGLS = 1-7]	Mesenteric	Hyperplasia Cyst	Lymphoid, Mild
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus [Hyperplasia TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 103

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Ovary		Cyst	
[Cyst TGLS = 3-7]			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 104

TRT#: 6

SEX: Female

DAY ON TEST: 506

DOSE: 100 MG/KG

DISP: Dead

HISTO: A83-29136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lymph Node	Renal	Hyperplasia	Lymphoid, Marked
Note: TGL 4 IS ON SLIDE I.			
	[Hyperplasia TGLS = 4]		
Ovary		Abscess	Marked
	[Abscess TGLS = 1-7,2-7]		
Pancreas		Inflammation	Suppurative, Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 3-2]		
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105

TRT#: 6

SEX: Female

DAY ON TEST: 438

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83-28623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
Note: TGL 4 IS ON SLIDE I. [Hyperplasia TGLS = 4]			
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Ovary		Abscess	Marked
[Abscess TGLS = 2-7]			
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-2]			
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
Thymus		Cyst	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 106

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver	Lung
Nose	Ovary	Pancreas	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Lymphoma Malignant Lymphocytic	
		Nephropathy	Chronic, Minimal
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-2]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107	TRT#: 6	SEX: Female	DAY ON TEST: 568
	DOSE: 100 MG/KG	DISP: Dead	HISTO: A83-30017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Marked
Note: INFILTRAT CELL TGLs = 4-5			
Ovary		Abscess	Marked
[Abscess TGLS = 2-7]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-2]			
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 108	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone Marrow		Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-14]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-13]			
Thyroid Gland	Follicular Cel	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Acute, Moderate
[Hyperplasia TGLS = 3-7]			
[Inflammation TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pituitary Gland
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Skin
Thyroid Gland

OBSERVATIONS

Lymph Node
Nose
Ovary
[Cyst TGLS = 3-7]
Salivary Glands
Spleen
Uterus

Mesenteric
Nasolacrim Dct

Endometrium

Lymphoma Malignant Mixed
Inflammation
Cyst

Infiltration Cellular
Lymphoma Malignant Mixed
Hyperplasia

Subacute, Minimal

Lymphocyte, Multifocal, Minimal

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111

TRT#: 6

SEX: Female

DAY ON TEST: 493

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83-29048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4			
Note: TGL 4 IS ON SLIDE III.			
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-7			
Note: TGL 2 IS ON SLIDE I.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 112	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Mesentery
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary		Cyst	
[Cyst TGLS = 1-7]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: ADENOMA IS INFARCTED. [Hepatocellular Adenoma TGLS = 2-11]			
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
Thyroid Gland	Follicle	Cyst	
	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 6

SEX: Female

DAY ON TEST: 514

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83-29290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Moderate
Bone Marrow		Hyperplasia	Moderate
Kidney	Renal Tubule	Dilatation	Multifocal, Moderate
		Inflammation	Suppurative, Acute, Multifocal, Moderate
		Nephropathy	Chronic, Mild
			[Dilatation TGLS = 5-6]
			[Inflammation TGLS = 5-6]
			[Nephropathy TGLS = 5-6]
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Ovary		Abscess	Marked
			Note: ABSCESS ALSO ON SLIDE 7B.
			[Abscess TGLS = 2-7,3-7]
Pancreas		Inflammation	Suppurative, Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
			[Hematopoietic Cell Proliferation TGLS = 4-2]
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 6

SEX: Female

DAY ON TEST: 514

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83-29290

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 115

TRT#: 6

SEX: Female

DAY ON TEST: 360

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A83027985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Lung
Note: NORMAL.

Skin
Note: NOT REMARKABLE.

Spinal Cord
Note: SLIDE SC- NOT REMARKABLE.

Uterus

Cyst

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116

TRT#: 6

SEX: Female

DAY ON TEST: 575

DOSE: 100 MG/KG

DISP: Dead

HISTO: A83-30331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Gallbladder

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Inflammation	Acute, Focal, Moderate
Kidney		Nephropathy	Chronic, Mild
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lung	Mediastinum	Inflammation	Suppurative, Acute, Moderate
Note: EXAMPLE OF INFECTION FROM OVARY TO MEDIASTINUM BY LYMPHATICS			
Lymph Node	Mediastinal	Inflammation	Suppurative, Acute, Moderate
Nose		Foreign Body	Mild
Ovary		Abscess	Marked
[Abscess TGLS = 2-7]			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3-2			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117	TRT#: 6	SEX: Female	DAY ON TEST: 488
	DOSE: 100 MG/KG	DISP: Dead	HISTO: A83-28919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Pituitary Gland	Thymus
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INSUFFICIENT TISSUE

Bone Marrow

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Ovary		Abscess	Marked
[Abscess TGLS = 2-7]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Acute, Marked
[Inflammation TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 118

TRT#: 6

SEX: Female

DAY ON TEST: 675

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A85-1937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Heart		Inflammation	Subacute, Focal, Mild
Kidney		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 5-8]			
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-12]			
Mesentery		Inflammation	Suppurative, Acute, Moderate
Ovary		Abscess	Marked
[Abscess TGLS = 2-11]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-8]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]		Inflammation	Suppurative, Acute, Mild
[Inflammation TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119

TRT#: 6

SEX: Female

DAY ON TEST: 648

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A85-1938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Blood		Leukocytosis	Mild
		Polychromasia	Mild
Note: POLYCHROMASIA TGLs = 1-61 [Leukocytosis TGLS = 1-61]			
Bone	Cranium	Fibrosarcoma	Extension (Skin), Metastatic (Skin)
Note: FIBROSARC TGLs = 7-14			
Brain	Meninges	Fibrosarcoma	Extension (Skin), Metastatic (Skin)
Harderian Gland		Cyst	
		Fibrosarcoma	Extension (Skin), Metastatic (Skin)
Note: CYST TGLs = 9-15 [Cyst TGLS = 9-15]			
Intestine Small	Duodenum	Polyp Adenomatous	
Note: POLYP ADENOMAT TGLs = 6-13			
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-8]			
Liver	Kupffer Cell	Pigmentation	Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Ovary		Infiltration Cellular	Lymphocyte, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Fibrosarcoma	Extension (Skin), Metastatic (Skin)
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 8-14]			
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119	TRT#: 6	SEX: Female	DAY ON TEST: 648
	DOSE: 100 MG/KG	DISP: Moribund	HISTO: A85-1938

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 4-8]

Thymus		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 120	TRT#: 6	SEX: Female	DAY ON TEST: 574
	DOSE: 100 MG/KG	DISP: Dead	HISTO: A83-30016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Rectum	Kidney	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mesenteric

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lung		Inflammation	Suppurative, Acute, Multifocal, Moderate
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 3-7			
Skin	Subcut Tiss	Hemangioma	
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Liver		Focal Cellular Change	
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

Note: HYDROMETRA TGLs = 1-7
[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 122

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Infiltration Cellular	Lymphocyte, Mild
	Subserosa	Inflammation	Chronic, Multifocal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 3-12			
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 123 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 719
DOSE: 100 MG/KG **DISP:** Dead **HISTO:** A85-1942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lung		Infiltration Cellular	Polymorphnuclr, Moderate
Ovary		Abscess	Marked
[Abscess TGLS = 3-13]			
Spleen		Hematopoietic Cell Proliferation	Marked
Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Acute, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124	TRT#: 6	SEX: Female	DAY ON TEST: 536
	DOSE: 100 MG/KG	DISP: Natural Death	HISTO: A83-29569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum	Intestine Small - Duodenum
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lung	Mediastinum	Inflammation	Suppurative, Acute, Mild
Ovary		Abscess	Marked
[Abscess TGLS = 3-7]			
Pancreas		Inflammation	Suppurative, Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Acute, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 125

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	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			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 126

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lung
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

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Uterus	Endometrium	Hydrometra	Mild
		Hyperplasia	Cystic, Moderate

[Hydrometra TGLS = 2-7]
[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127

TRT#: 6

SEX: Female

DAY ON TEST: 490

DOSE: 100 MG/KG

DISP: Dead

HISTO: A83-28920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Ovary		Abscess	Marked
[Abscess TGLS = 1-7,2-7]			
Pancreas	Acinus	Atrophy	Multifocal, Moderate
	Duct	Dilatation	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Acute, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 128	TRT#: 6	SEX: Female	DAY ON TEST: 523
	DOSE: 100 MG/KG	DISP: Moribund	HISTO: A83-29448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thymus	Urinary Bladder

MISSING

Esophagus	Parathyroid Gland	Thyroid Gland	Trachea
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OBSERVATIONS

Liver		Necrosis	Multifocal, Moderate
[Necrosis TGLS = 2-5]			
Spleen		Atrophy	Moderate
[Atrophy TGLS = 1-2]			
Stomach	Forestomach	Inflammation	Subacute, Mild
	Forestomach	Squamous Cell Papilloma	
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

OBSERVATIONS

Brain		Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 5-12+8		
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 6-13		
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Ovary		Cyst	
[Cyst TGLS = 2-7]			
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-8		
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 7-3		
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 3-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 130

TRT#: 6

SEX: Female

DAY ON TEST: 662

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A85-1949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Medulla	Hyperplasia Hyperplasia Hyperplasia	Focal, Mild Focal, Mild Mild
Bone Marrow		Nephropathy	Chronic, Moderate
Kidney		Abscess	Marked
Liver		Hematopoietic Cell Proliferation Hepatocellular Adenoma Infiltration Cellular	Marked Marked Polymorphnuclr, Moderate
[Hepatocellular Adenoma TGLS = 7-12]	Sinusoid		
Mesentery		Inflammation	Suppurative, Acute, Marked
[Inflammation TGLS = 5-11]			
Ovary		Abscess	Marked
[Abscess TGLS = 3-13]			
Skeletal Muscle		Inflammation	Suppurative, Acute, Marked
[Inflammation TGLS = 6-11]			
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-8]			
Stomach	Forestomach	Hyperplasia	Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 130

TRT#: 6

SEX: Female

DAY ON TEST: 662

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A85-1949

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 131	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Intestine Small Note: INFLAMMATION TGLs = 2-12	Jejunum	Inflammation	Subacute, Focal, Mild
Kidney		Nephropathy	Chronic, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 133

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Liver		Focal Cellular Change	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-8]			
Thymus		Lymphoma Malignant Mixed	
Thyroid Gland	Follicular Cel	Adenoma	Cystic
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134

TRT#: 6

SEX: Female

DAY ON TEST: 717

DOSE: 100 MG/KG

DISP: Dead

HISTO: A85-1953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Stomach	Glandular	Mineralization	Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 135	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Thymus
Trachea			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Lymphoma Malignant Mixed	
Stomach	Glandular	Mineralization	Minimal
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 3-2]			
[Angiectasis TGLS = 3-2]			
Thyroid Gland	Follicular Cel	Adenoma	Cystic
[Adenoma TGLS = 2-3]			
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 137

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Pituitary Gland
Stomach - Glandular

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Skin
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
Salivary Glands
Urinary Bladder
Uterus

Endometrium

Nephropathy
Infiltration Cellular
Infiltration Cellular
Hyperplasia

Chronic, Minimal
Lymphocyte, Multifocal, Minimal
Lymphocyte, Multifocal, Minimal
Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Furfural

CAS Number: 98-01-1

Date Report Requested: 10/21/2014

Time Report Requested: 10:32:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 138

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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

Liver

Lung

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Ovary

Pancreas

Parathyroid Gland

Pituitary Gland

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Mild

Kidney

Nephropathy

Chronic, Minimal

Mesentery

Fat

Necrosis

Focal, Moderate

[Necrosis TGLS = 3-13]

Salivary Glands

Infiltration Cellular

Lymphocyte, Multifocal, Minimal

Thyroid Gland

Follicle

Degeneration

Cystic, Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 139

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Islets, Pancreatic [Carcinoma TGLS = 3-13]		Carcinoma	
Kidney		Nephropathy	Chronic, Minimal
Liver		Carcinoma	Metastatic (Islets, Pancreatic)
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary		Cyst	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus [Hyperplasia TGLS = 4-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 140	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 2-12]			
Ovary		Cyst	
[Cyst TGLS = 3-7]			
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicular Cel	Adenoma	Cystic
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Ovary		Cyst	
[Cyst TGLS = 2-7]			
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142	TRT#: 6	SEX: Female	DAY ON TEST: 732
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-6]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Skin
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Spleen
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Liver
Note: ADENOMA IS INFARCTED.
[Hepatocellular Adenoma TGLS = 3-13]

Hepatocellular Adenoma

Ovary
Salivary Glands
Uterus
[Hyperplasia TGLS = 4-7]

Hyperplasia
Infiltration Cellular
Hyperplasia

Tubular, Marked
Lymphocyte, Multifocal, Minimal
Cystic, Moderate

Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 144

TRT#: 6

SEX: Female

DAY ON TEST: 394

DOSE: 100 MG/KG

DISP: Dead

HISTO: A83-28200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Islets, Pancreatic
Nose
Skin
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach

Bone
Gallbladder
Intestine Large - Rectum
Lymph Node - Mesenteric
Pituitary Gland
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Ileum
Mammary Gland
Salivary Glands
Trachea

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

Intestine Small - Jejunum

OBSERVATIONS

Kidney
Liver
Lung
Lymph Node
Note: TGL 11 ON SLIDE III.
[Hyperplasia TGLS = 11]

Sinusoid
Mediastinum
Renal

Nephropathy
Infiltration Cellular
Inflammation
Hyperplasia

Chronic, Mild
Polymorphnuclr, Mild
Suppurative, Acute, Mild
Lymphoid, Moderate

Mesentery
Ovary
[Abscess TGLS = 4-7,5-7]

Inflammation
Abscess

Suppurative, Acute, Mild
Marked

Pancreas
Spleen
[Hematopoietic Cell Proliferation TGLS = 8-2]

Inflammation
Hematopoietic Cell Proliferation

Suppurative, Acute, Mild
Marked

Stomach
Note: TGL 10 ON SLIDE 5B.
Note: EROSION TGLs = 10

Glandular

Erosion

Multiple, Mild

Uterus
[Inflammation TGLS = 6-7,7-7]

Inflammation

Suppurative, Acute, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 144

TRT#: 6

SEX: Female

DAY ON TEST: 394

DOSE: 100 MG/KG

DISP: Dead

HISTO: A83-28200

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145

TRT#: 6

SEX: Female

DAY ON TEST: 611

DOSE: 100 MG/KG

DISP: Moribund

HISTO: A85-1964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-14]			
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 3-13]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-8]			
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 146	TRT#: 6	SEX: Female	DAY ON TEST: 732
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-12]			
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147	TRT#: 6	SEX: Female	DAY ON TEST: 732
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Lymphoma Malignant Mixed Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 148

TRT#: 6

SEX: Female

DAY ON TEST: 693

DOSE: 100 MG/KG

DISP: Dead

HISTO: A85-1967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

AUTO PRECLUDES DIAG.

Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas			

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular Necrosis	Polymorphnuclr, Mild Multifocal, Minimal
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 1-11,2-7		
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 2-2]			
[Angiectasis TGLS = 2-2]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 150

TRT#: 6

SEX: Female

DAY ON TEST: 605

DOSE: 100 MG/KG

DISP: Dead

HISTO: A85-1969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Necrosis	Multifocal, Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mesenteric	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-13]			
[Hyperplasia TGLS = 7-14]			
[Hyperplasia TGLS = 8-6]			
Ovary		Abscess	Marked
[Abscess TGLS = 2-12,3-7]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-8]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Acute, Mild
[Hyperplasia TGLS = 4-7]			
[Inflammation TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 151

TRT#: 8

SEX: Female

DAY ON TEST: 654

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	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	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
		Infiltration Cellular	Megakaryocyte, Moderate
Brain		Granuloma	Mild
Eye		Cataract	Moderate
		Hyperplasia	Melanocyte, Moderate
Note: [HYPERPLASIA] TGLs = 1-13 [Cataract TGLS = 1-13]			
Heart		Inflammation	Subacute, Focal, Mild
Kidney		Fibrosis	Focal, Mild
		Nephropathy	Chronic, Mild
Liver		Infiltration Cellular	Megakaryocyte, Marked
Lung		Infiltration Cellular	Megakaryocyte, Moderate
Lymph Node	Mandibular	Infiltration Cellular	Megakaryocyte, Moderate
	Mesenteric	Infiltration Cellular	Megakaryocyte, Mild
Pancreas	Acinus	Necrosis	Focal, Mild
Salivary Glands		Atrophy	Focal, Mild
		Pigmentation	Hemosiderin, Focal, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
		Infiltration Cellular	Megakaryocyte, Marked
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 151

TRT#: 8

SEX: Female

DAY ON TEST: 654

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1970

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: UNUSUAL CASE: MEGAKAROCYTIC HYPERPLASIA IN SEVERAL ORGANS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152

TRT#: 8

SEX: Female

DAY ON TEST: 630

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hemangiosarcoma	
Liver		Focal Cellular Change	
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 9-15]			
Ovary		Cyst	
[Cyst TGLS = 4-7]			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 10-16]			
Spleen		Hemangiosarcoma	Multiple
		Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 7-13,8-14]			
[Hematopoietic Cell Proliferation TGLS = 6-8]			
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 5-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: EXCEPTIONAL CASE: 4-HEMANGIOSARCOMAS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153

TRT#: 8

SEX: Female

DAY ON TEST: 693

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Intestine Small Note: POLYP ADENOMAT TGLs = 6-13	Duodenum	Polyp Adenomatous	
Kidney Note: LYMPH MAL MIXD TGLs = 5-8		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Pancreas Note: CYST TGLs = 4-14	Duct	Cyst	Lymphocyte, Multifocal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus Note: [ANGIECTASIS] TGLs = 3-7	Endometrium	Angiectasis	Mild
		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Stomach - Glandular

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Thymus

Bone
Heart
Intestine Small - Duodenum
Liver
Ovary
Skin
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone Marrow
Kidney
Lung
 [Alveolar/Bronchiolar Carcinoma TGLS = 4-6]
Lymph Node
Pancreas
Spleen
 [Hematopoietic Cell Proliferation TGLS = 3-8]
Urinary Bladder
Uterus
 [Hyperplasia TGLS = 2-7]

Mesenteric

Endometrium

Hyperplasia
Nephropathy
Alveolar/Bronchiolar Carcinoma

Hyperplasia
Infiltration Cellular
Hematopoietic Cell Proliferation

Infiltration Cellular
Hyperplasia

Mild
Chronic, Minimal

Lymphoid, Mild
Lymphocyte, Multifocal, Minimal
Moderate

Lymphocyte, Multifocal, Minimal
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 8

SEX: Female

DAY ON TEST: 719

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney	Renal Tubule	Degeneration	Multifocal, Moderate
		Nephropathy	Chronic, Moderate
	[Nephropathy TGLS = 5-8]		
Liver		Histiocytic Sarcoma	Metastatic (Uncertain Primary Site)
	Note: [HISTIO SARC] TGLs = 6-4		
Ovary		Yolk Sac Carcinoma	
Pancreas	Acinus	Atrophy	Multifocal, Mild
		Histiocytic Sarcoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-8]		
Thymus		Cyst	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Cervix	Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Moderate
	Note: [HISTIO SARC] TGLs = 3-13		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 434
DOSE: 50 MG/KG **DISP:** Dead **HISTO:** A83-28464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Small - Ileum Intestine Small - Jejunum

OBSERVATIONS

Kidney		Inflammation	Suppurative, Acute, Multifocal, Marked
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lung	Mediastinum	Inflammation	Suppurative, Acute, Marked
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 8			
Note: TGL 7 AND 8 ON SLIDES III AND IV.			
Note: HYPERPLASIA TGLs = 7			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 3-7,4-7			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 5-2			
Uterus		Inflammation	Suppurative, Acute, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158

TRT#: 8

SEX: Female

DAY ON TEST: 616

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Mineralization	Multifocal, Mild
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 7-12			
Kidney	Renal Tubule	Mineralization	Multifocal, Moderate
Note: MINERALIZATION TGLs = 4-8		Nephropathy	Chronic, Mild
[Mineralization TGLS = 4-8]			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 5-6			
Ovary		Cyst	
Note: CYST TGLs = 3-7			
Spleen		Atrophy	Mild
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
Note: HYPERPLASIA TGLs = 6-5+13			
[Hyperplasia TGLS = 6-13]			
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159	TRT#: 8	SEX: Female	DAY ON TEST: 445
	DOSE: 50 MG/KG	DISP: Dead	HISTO: A83-28624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
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OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lymph Node	Renal	Hyperplasia	Lymphoid, Marked
Note: TGL 5 IS ON SLIDE II. [Hyperplasia TGLS = 5]			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Ovary		Abscess	Marked
[Abscess TGLS = 4]			
Pancreas		Inflammation	Suppurative, Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Ovary		Cyst	
[Cyst TGLS = 2-7]			
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 3-7]			
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multiple, Minimal
		Hematopoietic Cell Proliferation	Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Sarcoma Stromal	

[Sarcoma Stromal TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162

TRT#: 8

SEX: Female

DAY ON TEST: 492

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A83-28923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Gallbladder	Lymph Node - Mesenteric
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OBSERVATIONS

Bone Marrow		Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Liver		Lymphoma Malignant Histiocytic	
Note: [LYMPH MAL HIST] TGLs = 6-5			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Lymphoma Malignant Histiocytic	
	Pancreatic	Lymphoma Malignant Histiocytic	
Note: HYPERPLASIA TGLs = 7			
Note: TGL 8 ON SLIDE V.			
Note: TGL 7 ON SLIDE IV.			
Note: [LYMPH MAL HIST] TGLs = 4,8			
Note: TGL 4 ON SLIDE II.			
Mesentery		Lymphoma Malignant Histiocytic	
Note: TGL 5 ON SLIDE III.			
Note: [LYMPH MAL HIST] TGLs = 5			
Pancreas		Lymphoma Malignant Histiocytic	
Skel Muscle			
Note: HI			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162	TRT#: 8	SEX: Female	DAY ON TEST: 492
	DOSE: 50 MG/KG	DISP: Moribund	HISTO: A83-28923

ORGAN AND ACCOUNTABLE SITE STATUS

Lymphoma Malignant Histiocytic

Note: [LYMPH MAL HIST] TGLs = 3-2
[Hematopoietic Cell Proliferation TGLS = 2-2]

Urinary Bladder

Inflammation

Subacute, Moderate

Uterus

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: HISTO LYMPH APPEARS SYS LIKE HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163	TRT#: 8	SEX: Female	DAY ON TEST: 732
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Kidney	Cortex	Adenoma	
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Ovary		Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7,4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164

TRT#: 8

SEX: Female

DAY ON TEST: 710

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-1983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Lymphoma Malignant Mixed	
	Medulla	Lymphoma Malignant Mixed	
Bone Marrow		Hyperplasia	Moderate
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-8			
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-4,9-13			
Lung		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 12-6			
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
[Lymphoma Malignant Mixed TGLS = 10-14]			
[Lymphoma Malignant Mixed TGLS = 11-15]			
[Lymphoma Malignant Mixed TGLS = 13-6]			
[Lymphoma Malignant Mixed TGLS = 3-4]			
Mesentery		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164	TRT#: 8	SEX: Female	DAY ON TEST: 710
	DOSE: 50 MG/KG	DISP: Moribund	HISTO: A85-1983

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: LYMPH MAL MIXD TGLs = 5-8		Lymphoma Malignant Mixed	
Stomach Note: HYPERPLASIA TGLs = 7-5 Note: HYPERKERATOSIS TGLs = 7-5	Forestomach Forestomach	Hyperkeratosis Hyperplasia	Focal, Moderate Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Focal, Mild
Urinary Bladder		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 165

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Gallbladder
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Skin
Thymus

OBSERVATIONS

Heart
Liver
Ovary
Salivary Glands
Urinary Bladder
Uterus
[Hyperplasia TGLS = 3-7]

Endometrium

Angiectasis
Granuloma
Cystadenoma
Infiltration Cellular
Infiltration Cellular
Hyperplasia

Focal, Mild
Multiple, Minimal
Papillary
Lymphocyte, Multifocal, Minimal
Lymphocyte, Multifocal, Mild
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multiple, Minimal
	Kupffer Cell	Pigmentation	Multifocal, Mild
Lymph Node	Mesenteric	Angiectasis	Mild
Mesentery		Hemangioma	
Note: HEMANGIOMA ON SLIDE 6.1.			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167

TRT#: 8

SEX: Female

DAY ON TEST: 261

DOSE: 50 MG/KG

DISP: Accident

HISTO: A83-27713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thymus

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Gallbladder Lymph Node - Mandibular

OBSERVATIONS

Uterus Endometrium Hyperplasia Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168	TRT#: 8	SEX: Female	DAY ON TEST: 732
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Parathyroid Gland	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
		Necrosis	Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Mesentery		Inflammation	Subacute, Moderate
	Fat	Necrosis	Focal, Moderate
Note: INFLAMMATION ON SLIDE 5 WITH PANCREAS.			
Pancreas	Acinus	Atrophy	Multifocal, Marked
	Duct	Cyst	
[Cyst TGLS = 4-5]			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 5-8			
Thyroid Gland	Follicular Cel	Adenoma	Cystic
Note: ADENOMA TGLs = 6-3			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Blood		Leukocytosis	Mild
		Polychromasia	
[Leukocytosis TGLS = 1-61]			
[Polychromasia TGLS = 1-61]			
Bone Marrow		Hyperplasia	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-15.1]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Mammary Gland		Adenocarcinoma	Multiple, Two
[Adenocarcinoma TGLS = 4-13,5-14]			
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Marked
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Cyst	
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 172	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thymus		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 173

TRT#: 8

SEX: Female

DAY ON TEST: 491

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A83-28924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
Note: TGL 6 AND 7 ON SLIDES II AND III. [Hyperplasia TGLS = 6] [Hyperplasia TGLS = 7]			
Ovary		Abscess	Marked
			[Abscess TGLS = 2-7,3-7]
Spleen		Hematopoietic Cell Proliferation	Marked
			[Hematopoietic Cell Proliferation TGLS = 5-2]
Uterus		Inflammation	Suppurative, Acute, Marked
			[Inflammation TGLS = 4-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 174

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Liver
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Skin
Thymus
Uterus

OBSERVATIONS

Gallbladder
Kidney
Lymph Node
Salivary Glands

Mesenteric

Infiltration Cellular
Nephropathy
Hyperplasia
Infiltration Cellular

Lymphocyte, Multifocal, Minimal
Chronic, Minimal
Lymphoid, Moderate
Lymphocyte, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Liver		Focal Cellular Change	
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Ovary		Cyst	
		Mixed Tumor Benign	
[Cyst TGLS = 2-7]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Stomach	Forestomach	Hyperplasia	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-11			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176	TRT#: 8	SEX: Female	DAY ON TEST: 435
	DOSE: 50 MG/KG	DISP: Dead	HISTO: A83-28465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Mesentery	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Thymus
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
Note: TGL 6 IS ON SLIDE II. [Hyperplasia TGLS = 6]			
Ovary		Abscess	Marked
[Abscess TGLS = 3-7,4-7]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Furfural

CAS Number: 98-01-1

Date Report Requested: 10/21/2014

Time Report Requested: 10:32:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 177

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-13]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 178

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Fibrosis	Focal, Mild
		Nephropathy	Chronic, Minimal
Lymph Node	Iliac	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 9-15]		
	[Lymphoma Malignant Lymphocytic TGLS = 8-14]		
	[Lymphoma Malignant Lymphocytic TGLS = 6-13]		
Mesentery		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 4-12]		
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant Lymphocytic	
	[Hematopoietic Cell Proliferation TGLS = 5-8]		
	[Lymphoma Malignant Lymphocytic TGLS = 5-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 178	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1997

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Endometrium	Angiectasis Hyperplasia	Mild Cystic, Moderate
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Note: [ANGIECTASIS] TGLs = 2-7
[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 179	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-1998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-13]			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Pancreas	Acinus	Atrophy	Multifocal, Mild
		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Lymphoma Malignant Mixed	
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-1999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Islets, Pancreatic		Adenoma	
Kidney		Metaplasia	Osseous, Focal, Minimal
Liver		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-6,5-13]		
	[Lymphoma Malignant Mixed TGLS = 6-14]		
Pancreas	Duct	Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 3-8]		
Stomach	Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 181	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-2000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Ovary		Cyst	
[Cyst TGLS = 1-7]			
Pancreas	Acinus	Atrophy	Focal, Minimal
		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 8

SEX: Female

DAY ON TEST: 657

DOSE: 50 MG/KG

DISP: Dead

HISTO: A85-2001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Hyperplasia	Mild
Lung	Mediastinum	Inflammation	Suppurative, Acute, Minimal
[Inflammation TGLS = 6-6]			
Lymph Node	Mediastinal	Inflammation	Suppurative, Acute, Marked
[Inflammation TGLS = 5-6]			
Nose		Inflammation	Suppurative, Acute, Mild
Ovary		Abscess	Marked
[Abscess TGLS = 2-7,3-7]			
Pancreas		Inflammation	Suppurative, Acute, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-8]			
Stomach	Forestomach	Cyst Epithelial Inclusion	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
	Forestomach	Ulcer	Minimal
[Cyst Epithelial Inclusion TGLS = 7-11]			
[Ulcer TGLS = 8-11]			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus		Inflammation	Suppurative, Acute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 8

SEX: Female

DAY ON TEST: 657

DOSE: 50 MG/KG

DISP: Dead

HISTO: A85-2001

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: EXAMPLE OF MEDIASTINAL NODE DRAINING ABDOMINAL INFECTION.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 183

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-2002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Small - Duodenum
Liver
Nose
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Spleen
Thyroid Gland

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Heart
Kidney
Pancreas
Salivary Glands
Uterus

Endometrium

Inflammation
Nephropathy
Infiltration Cellular
Infiltration Cellular
Hydrometra
Hyperplasia

Subacute, Focal, Minimal
Chronic, Minimal
Lymphocyte, Multifocal, Minimal
Lymphocyte, Multifocal, Minimal
Moderate
Cystic, Marked

Note: HYPERPLASIA TGLs = 1-7
[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 8

SEX: Female

DAY ON TEST: 679

DOSE: 50 MG/KG

DISP: Dead

HISTO: A85-2003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Stomach - Forestomach

Adrenal Gland - Medulla
Gallbladder
Intestine Small - Duodenum
Nose
Stomach - Glandular

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Parathyroid Gland

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Pituitary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Mixed
Heart		Lymphoma Malignant Mixed
Kidney		Lymphoma Malignant Mixed
Liver		Lymphoma Malignant Mixed
Lung		Lymphoma Malignant Mixed
Lymph Node	Iliac	Lymphoma Malignant Mixed
	Mandibular	Lymphoma Malignant Mixed
	Mesenteric	Lymphoma Malignant Mixed
	Renal	Lymphoma Malignant Mixed
	[Lymphoma Malignant Mixed TGLS = 7-13]	
	[Lymphoma Malignant Mixed TGLS = 1-4]	
	[Lymphoma Malignant Mixed TGLS = 6-12]	
Mammary Gland		Lymphoma Malignant Mixed
Mesentery		Lymphoma Malignant Mixed
Ovary		Lymphoma Malignant Mixed
Pancreas		Lymphoma Malignant Mixed
Salivary Glands		Lymphoma Malignant Mixed
Skin		Lymphoma Malignant Mixed
Spleen		Lymphoma Malignant Mixed
Note: LYMPH MAL MIXD	TGLs = 4-8	
Thymus		Lymphoma Malignant Mixed
Thyroid Gland		Lymphoma Malignant Mixed
Trachea		Lymphoma Malignant Mixed
Urinary Bladder		Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 8
DOSE: 50 MG/KG

SEX: Female
DISP: Dead

DAY ON TEST: 679
HISTO: A85-2003

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus
Note: HYPERPLASIA TGLs = 3-7+11

Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 185

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-2004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

MISSING

Pituitary Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-2005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hydrometra	Mild
		Hyperplasia	Cystic, Moderate

[Hydrometra TGLS = 2-7]
[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-2006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-2007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hyperplasia	Minimal
Kidney		Fibrosis	Focal, Mild
		Nephropathy	Chronic, Minimal
Lymph Node	Pancreatic	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-12			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189

TRT#: 8

SEX: Female

DAY ON TEST: 715

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: A85-2008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Ovary
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Parathyroid Gland
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OBSERVATIONS

Brain		Hemorrhage	Focal, Mild
Kidney		Lymphoma Malignant Mixed	
		Nephropathy	Chronic, Minimal
Liver		Lymphoma Malignant Mixed	
		Vacuolization Cytoplasmic	Diffuse, Moderate
Note: LYMPH MAL MIXD	TGLs = 7-4		
Note: VACUOLIZ CYTO	TGLs = 7-4		
Lung		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-4		
Note: LYMPH MAL MIXD	TGLs = 1-7		
Note: LYMPH MAL MIXD	TGLs = 4-5		
Note: LYMPH MAL MIXD	TGLs = 8-6		
Note: LYMPH MAL MIXD	TGLs = 9-12		
Note: LYMPH MAL MIXD	TGLs = 10-13		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189	TRT#: 8	SEX: Female	DAY ON TEST: 715
	DOSE: 50 MG/KG	DISP: Natural Death	HISTO: A85-2008

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery Note: LYMPH MAL MIXD TGLs = 6-11		Lymphoma Malignant Mixed	
Pancreas	Acinus	Atrophy Lymphoma Malignant Mixed	Multifocal, Mild
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-8			
Thymus		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-2009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-6]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus		Angiectasis	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
Note: [ANGIECTASIS] TGLs = 4-7			
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 191	TRT#: 8	SEX: Female	DAY ON TEST: 473
	DOSE: 50 MG/KG	DISP: Moribund	HISTO: A83-28749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Ovary		Cyst	
Note: CYST	TGLs = 2-7		
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 192

TRT#: 8

SEX: Female

DAY ON TEST: 477

DOSE: 50 MG/KG

DISP: Dead

HISTO: A83-28853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Kidney
Lymph Node - Mesenteric
Pancreas
Skin
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Ileum
Liver
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 193

TRT#: 8

SEX: Female

DAY ON TEST: 634

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-2012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
	Medulla	Lymphoma Malignant Mixed	
Bone Marrow		Hyperplasia	Mild
Gallbladder		Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 9-4,10-13]	
Lung	Mediastinum	Lymphoma Malignant Mixed	
		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 14-16]	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 13-15]	
		[Lymphoma Malignant Mixed TGLS = 12-14]	
		[Lymphoma Malignant Mixed TGLS = 11-6]	
		[Lymphoma Malignant Mixed TGLS = 8-5]	
		[Lymphoma Malignant Mixed TGLS = 2-11]	
		[Lymphoma Malignant Mixed TGLS = 1-4]	
		[Lymphoma Malignant Mixed TGLS = 15-3]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 193	TRT#: 8	SEX: Female	DAY ON TEST: 634
	DOSE: 50 MG/KG	DISP: Moribund	HISTO: A85-2012

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Lymphoma Malignant Mixed TGLS = 3-12]		Lymphoma Malignant Mixed	
Ovary		Lymphoma Malignant Mixed	
Pancreas		Lymphoma Malignant Mixed	
Pituitary Gland		Lymphoma Malignant Mixed	
Spleen [Lymphoma Malignant Mixed TGLS = 5-8]		Lymphoma Malignant Mixed	
Thymus		Lymphoma Malignant Mixed	
Urinary Bladder		Lymphoma Malignant Mixed	
Uterus [Hyperplasia TGLS = 4-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-2013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea			

OBSERVATIONS

Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Ovary		Cyst	
[Cyst TGLS = 2-7]			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Stomach	Glandular	Inflammation	Subacute, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Focal, Mild
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 195

TRT#: 8

SEX: Female

DAY ON TEST: 704

DOSE: 50 MG/KG

DISP: Moribund

HISTO: A85-2014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Uterus	

MISSING

Thymus

OBSERVATIONS

Bone		Carcinoma	Metastatic (Harderian Gland)
Note: CARCINOMA	TGLs = 6-12		
Harderian Gland		Carcinoma	
Note: CARCINOMA	TGLs = 7-10+14		
Liver		Angiectasis	Focal, Mild
Lung		Carcinoma	Metastatic (Harderian Gland), Four (Harderian Gland), Multiple (Harderian Gland)
Note: CARCINOMA	TGLs = 4-6,5-6		
Lymph Node	Mandibular	Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 3-13]			
Nose	Lumen	Carcinoma	Metastatic (Harderian Gland)
Ovary		Cyst	Two
Pituitary Gland	Pars Distalis	Adenoma	
Skeletal Muscle		Carcinoma	Metastatic (Harderian Gland)
Note: CARCINOMA	TGLs = 6-12		
Urinary Bladder		Infiltration Cellular	Lymphocyte, Multifocal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 196

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: A85-2015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Nose	Ovary	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Mammary Gland	Duct	Cyst	
[Cyst TGLS = 1-7]			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ANGIECTASIS TGLs = 4-2	Pars Distalis	Angiectasis	Marked
Note: ADENOMA TGLs = 4-2			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-8			
Thymus		Lymphoma Malignant Mixed	
Thyroid Gland	Follicle	Cyst	
		Ultimobranchial Cyst	
Uterus		Hydrometra	Mild
[Hydrometra TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 197

TRT#: 8

SEX: Female

DAY ON TEST: 374

DOSE: 50 MG/KG

DISP: Accident

HISTO: A83-28051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Ovary	Parathyroid Gland	Thymus
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OBSERVATIONS

Lung		Congestion	Mild
Note: CONGESTION	TGLs = 3-4		
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 198	TRT#: 8	SEX: Female	DAY ON TEST: 735
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: A85-2017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Bone	Femur	Fracture	
Kidney		Nephropathy	Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Minimal
Thyroid Gland	Follicle	Degeneration	Cystic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199

TRT#: 8

SEX: Female

DAY ON TEST: 309

DOSE: 50 MG/KG

DISP: Dead

HISTO: A83-27714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Intestine Large - Colon	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Ovary		Abscess	Marked
[Abscess TGLS = 3-7]			
Salivary Glands		Hyperplasia	Focal, Moderate
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05005-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Furfural
CAS Number: 98-01-1

Date Report Requested: 10/21/2014
Time Report Requested: 10:32:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200	TRT#: 8	SEX: Female	DAY ON TEST: 464
	DOSE: 50 MG/KG	DISP: Dead	HISTO: A83-28725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	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		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Mesentery	Fat	Necrosis	Multifocal, Moderate
Note: NECROSIS TGLs = 2,3			
Note: TGL 2 AND 3 ON SLIDES I AND II.			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE