

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

C Number:	C95011
Lock Date:	11/10/1997
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 94 HISTO: 9703401
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 94
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9703402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
* Intestine Large, Rectum		Parasite Metazoan	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 94
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9703403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
* Intestine Large, Colon		Parasite Metazoan	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 94 HISTO: 9703406
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 94 HISTO: 9703408
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 94 HISTO: 9703409
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 13

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 14

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 17

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 21

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 22

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 25

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 27

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 28

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 29

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 30

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 31

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 32

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 33

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 34

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 36

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 37

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 38

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 40

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 43

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 44

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 45

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 47

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 48

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 50

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51	TRT#: 11	SEX: Male	DAY ON TEST: 94
	DOSE: 1500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9703451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Lung	Hemorrhage	Acute, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 11	SEX: Male	DAY ON TEST: 94
	DOSE: 1500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9703452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
* Lung		Hematopoietic Cell Proliferation	Minimal
* Trachea		Fibrosis	Minimal
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
* Nose		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 54

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
* Lung		Hemorrhage	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55	TRT#: 11	SEX: Male	DAY ON TEST: 94
	DOSE: 1500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9703455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
* Lung		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Pancreas
* Prostate
* Spleen
* Thymus

* Blood Vessel
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lung
* Parathyroid Gland
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Nose

Inflammation

Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:56

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Esophagus	Muscularis	Degeneration	Minimal
* Heart	Myocardium	Degeneration	Focal, Minimal
* Intestine Large, Rectum		Parasite Metazoan	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 11	SEX: Male	DAY ON TEST: 16
	DOSE: 1500 MG/KG	DISP: Dosing Accident	HISTO: 9703458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Congestion	Mild
* Esophagus	Muscularis	Degeneration	Minimal
* Liver	Centrilobular	Fatty Change	Mild
* Lung		Congestion	Moderate
[Congestion TGLS = 1-6+7]			
* Trachea		Fibrosis	Moderate
		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:56
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60	TRT#: 11	SEX: Male	DAY ON TEST: 94
	DOSE: 1500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9703460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 2	SEX: Female	DAY ON TEST: 94
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9703461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* 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	* Uterus	

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Liver		Inflammation	Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lung
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

MISSING

* Lymph Node, Mandibular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 64

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* 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

* Uterus

OBSERVATIONS

* Liver

Hepatodiaphragmatic Nodule

Inflammation

Granulomatous, Minimal

[Hepatodiaphragmatic Nodule TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 65

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Parathyroid Gland
* Spleen
* Thyroid Gland

OBSERVATIONS

* Liver
* Nose

Inflammation
Inflammation

Granulomatous, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 66

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Ileum
* Liver
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lung
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Intestine Large, Colon

Parasite Metazoan

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 67

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone Marrow

* Heart

* Intestine Small, Duodenum

* Kidney

* Mammary Gland

* Parathyroid Gland

* Spleen

* Thyroid Gland

* Adrenal Medulla

* Brain

* Intestine Large, Cecum

* Intestine Small, Ileum

* Lung

* Nose

* Pituitary Gland

* Stomach, Forestomach

* Trachea

* Blood Vessel

* Clitoral Gland

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lymph Node, Mandibular

* Ovary

* Salivary Glands

* Stomach, Glandular

* Urinary Bladder

* Bone

* Esophagus

* Intestine Large, Rectum

* Islets, Pancreatic

* Lymph Node, Mesenteric

* Pancreas

* Skin

* Thymus

* Uterus

OBSERVATIONS

* Liver

[Hepatodiaphragmatic Nodule TGLS = 1-9]

Mesentery

[Necrosis TGLS = 2-13]

Fat

Hepatodiaphragmatic Nodule

Necrosis

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 2	SEX: Female	DAY ON TEST: 94
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9703468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 2	SEX: Female	DAY ON TEST: 94
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9703469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Uterus

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 70

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* 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	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 71

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 72

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 73

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 74

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 75

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

[Hepatodiaphragmatic Nodule TGLS = 2-13]

Lymph Node, Mesenteric

[Hyperplasia TGLS = 1-8]

[Infiltration Cellular TGLS = 1-8]

Hepatodiaphragmatic Nodule

Hyperplasia

Infiltration Cellular

Lymphoid, Moderate

Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 77

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1,2-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 79

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 80

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 94 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Spleen

[Hyperplasia TGLS = 1-5]

Hyperplasia

Stromal, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 81

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 82

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 83

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 84

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 85

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Mesentery

Fat

Necrosis

Mild

[Necrosis TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 86

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 87

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver	Hepatodiaphragmatic Nodule
[Hepatodiaphragmatic Nodule TGLS = 1-13]	
Lymph Node, Mesenteric	Hyperplasia
[Hyperplasia TGLS = 2-8]	

Lymphoid, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 88

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 89

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 90

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 188 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 91

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 92

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 93

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 94

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 95

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 96

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 97

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 98

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 99

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 100

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 375 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 101

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 102

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 103

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 104

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

OBSERVATIONS

Mesentery

Fat

Necrosis

Mild

[Necrosis TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 106

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 107

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 108

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 110

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 750 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone Marrow

* Heart

* Intestine Small, Duodenum

* Kidney

* Mammary Gland

* Parathyroid Gland

* Spleen

* Thyroid Gland

* Adrenal Medulla

* Brain

* Intestine Large, Cecum

* Intestine Small, Ileum

* Lung

* Nose

* Pituitary Gland

* Stomach, Forestomach

* Trachea

* Blood Vessel

* Clitoral Gland

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lymph Node, Mandibular

* Ovary

* Salivary Glands

* Stomach, Glandular

* Urinary Bladder

* Bone

* Esophagus

* Intestine Large, Rectum

* Islets, Pancreatic

* Lymph Node, Mesenteric

* Pancreas

* Skin

* Thymus

* Uterus

OBSERVATIONS

* Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 4

DOSE: 1500 MG/KG

DISP: Natural Death

HISTO: 9703512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Congestion	Moderate
	Renal Tubule	Necrosis	Acute, Focal, Moderate
* Lung		Congestion	Mild
[Congestion TGLS = 1-6+7]			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Spleen	Lymph Follic	Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1500 MG/KG

DISP: Natural Death

HISTO: 9703513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * 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 |
| * Stomach, Forestomach | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | | |
|--------------------------|--------------|--------------|----------------|
| * Brain | | Congestion | Moderate |
| * Heart | Myocardium | Degeneration | Focal, Minimal |
| * Intestine Large, Colon | | Ulcer | Minimal |
| [Ulcer TGLS = 2-3+4] | | | |
| * Pituitary Gland | | Necrosis | Acute, Marked |
| * Salivary Glands | | Necrosis | Mild |
| * Spleen | Lymph Follic | Atrophy | Moderate |
| * Stomach, Glandular | | Ulcer | Moderate |
| [Ulcer TGLS = 1-8] | | | |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 12
DOSE: 1500 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 29
HISTO: 9703514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Brain		Congestion	Mild
* Kidney		Hemorrhage	Acute, Focal, Mild
[Hemorrhage TGLS = 2-5]			
* Lung		Congestion	Mild
[Congestion TGLS = 1-7]		Hemorrhage	Minimal
* Nose		Congestion	Moderate
		Inflammation	Suppurative, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
		Congestion	Marked
* Trachea		Fibrosis	Minimal
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:33:57

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Nose	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9703519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* 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
* Uterus			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:33:57
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120	TRT#: 12	SEX: Female	DAY ON TEST: 94
	DOSE: 1500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9703520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* 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

OBSERVATIONS

* Lung	Alveolus	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****