

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

C Number:	C88031
Lock Date:	06/11/1992
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: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 121

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

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

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

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

OBSERVATIONS

* Kidney
* Lymph Node, Mandibular

Renal Tubule

Regeneration
Hemorrhage

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 122

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-122

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
* 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			

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 123

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-123

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: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 124

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-124

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	* 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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
[Hemorrhage TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 125

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-125

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	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* 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		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Lymph Node, Mandibular [Hemorrhage TGLS = 1-2]		Hemorrhage	Mild
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 126

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-126

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Infiltration Cellular	Lymphocyte, Minimal
* Prostate	Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 127

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-127

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	Cardiomyopathy	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 128

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-128

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	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Mild
* Prostate	Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 129

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-129

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	* 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		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 130

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Adrenal Cortex	Capsule	Fibrosis	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 131

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 132

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 133

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

Kidney

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 134

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-134

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 135

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

Kidney

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

Multiple

[Hepatodiaphragmatic Nodule TGLS = 1,2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 136

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 137

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Liver

Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 138

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-138

OBSERVATIONS

* Adrenal Cortex

Kidney

Hypertrophy

Infiltration Cellular

Regeneration

Minimal

Lymphocyte, Minimal

Minimal

Renal Tubule

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 139

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

Kidney

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 140

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 141

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

* Liver

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 142

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Liver

OBSERVATIONS

Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 143

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Liver

OBSERVATIONS

Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 144

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 145

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 146

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

Kidney

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 147

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 148

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Liver

OBSERVATIONS

Kidney

Renal Tubule

Casts Protein

Minimal

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 149

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Adrenal Cortex

Kidney

Renal Tubule

Renal Tubule

Hypertrophy

Casts Protein

Infiltration Cellular

Regeneration

Minimal

Minimal

Lymphocyte, Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 150

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Liver

Stomach, Forestomach

OBSERVATIONS

Kidney

Renal Tubule

Casts Protein

Minimal

Lymph Node, Mandibular

Hemorrhage

Minimal

[Hemorrhage TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 151

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Congestion	Minimal
		Fatty Change	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 152

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

Kidney

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 153

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

OBSERVATIONS

Kidney	Renal Tubule	Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 154

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

OBSERVATIONS

Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Fatty Change	Minimal
Lymph Node	Renal	Hemorrhage	Moderate
	Lumbar	Pigmentation	Multifocal, Minimal
[Hemorrhage TGLS = 1-13]			
[Pigmentation TGLS = 2-14]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TAIL TATOO PIGMENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 155

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-155

OBSERVATIONS

* Adrenal Cortex

Kidney

Renal Tubule

Hypertrophy

Infiltration Cellular

Regeneration

Fatty Change

Minimal

Lymphocyte, Minimal

Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 156

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

* Liver

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 157

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-157

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Kidney

Renal Tubule

Casts Protein

Minimal

Renal Tubule

Infiltration Cellular

Lymphocyte, Minimal

Regeneration

Minimal

* Liver

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 158

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

* Liver

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 159

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-159

OBSERVATIONS

* Adrenal Cortex

Kidney

* Liver

Renal Tubule

Hypertrophy

Casts Protein

Fatty Change

Minimal

Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 160

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

* Liver

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

* Nose

* Preputial Gland

* Testes

OBSERVATIONS

* Adrenal Cortex

Kidney

* Liver

Renal Tubule

Hypertrophy

Casts Protein

Fatty Change

Hepatodiaphragmatic Nodule

Necrosis

Mild

Minimal

Mild

Focal, Mild

[Hepatodiaphragmatic Nodule TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

* Nose

* Preputial Gland

* Testes

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

Kidney

Renal Tubule

Casts Protein

Minimal

Renal Tubule

Regeneration

Minimal

* Liver

Fatty Change

Mild

Necrosis

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

* Nose

* Preputial Gland

* Testes

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

Kidney

Renal Tubule

Casts Protein

Mild

Infiltration Cellular

Lymphocyte, Minimal

Renal Tubule

Regeneration

Mild

* Liver

Fatty Change

Mild

Lung

Hemorrhage

Focal, Minimal

[Hemorrhage TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

* Nose

* Preputial Gland

* Testes

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Kidney

Renal Tubule

Casts Protein

Minimal

Infiltration Cellular

Lymphocyte, Minimal

Renal Tubule

Regeneration

Minimal

* Liver

Fatty Change

Mild

Necrosis

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

* Nose

* Preputial Gland

* Testes

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Kidney

Renal Tubule

Casts Protein

Mild

Renal Tubule

Regeneration

Mild

* Liver

Fatty Change

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 166

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone

* Preputial Gland

* Testes

OBSERVATIONS

Kidney

Renal Tubule

Casts Protein

Minimal

Infiltration Cellular

Lymphocyte, Minimal

Renal Tubule

Regeneration

Minimal

* Liver

Fatty Change

Mild

Necrosis

Focal, Minimal

* Nose

Fungus

Mild

Inflammation

Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 167

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Testes

* Bone

* Nose

* Preputial Gland

OBSERVATIONS

Kidney

Renal Tubule

Casts Protein

Minimal

Infiltration Cellular

Lymphocyte, Minimal

Renal Tubule

Regeneration

Minimal

* Liver

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 168

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone

* Preputial Gland

* Testes

OBSERVATIONS

Kidney	Renal Tubule	Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
Lung		Inflammation	Subacute, Focal, Minimal
[Inflammation TGLS = 3-6]			
Lymph Node	Renal	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-2,2-13]			
Lymph Node, Mandibular		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-2,2-13]			
* Nose		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:57
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 169

TRT#: 5
DOSE: 4.0%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 95
HISTO: 90-1263-169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Testes

* Bone

* Nose

* Preputial Gland

OBSERVATIONS

Kidney	Renal Tubule	Casts Protein	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
		Fatty Change	Mild
* Liver [Fatty Change TGLS = 2-5]			
Lung [Inflammation TGLS = 3-6]		Inflammation	Subacute, Focal, Moderate
Lymph Node [Hemorrhage TGLS = 1-13]	Mediastinal	Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

* Nose

* Preputial Gland

* Testes

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Kidney

Renal Tubule

Casts Protein

Mild

Infiltration Cellular

Lymphocyte, Minimal

Renal Tubule

Regeneration

Minimal

* Liver

Fatty Change

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:57

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 171

TRT#: 6

SEX: Male

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Renal Tubule	Casts Protein	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Moderate
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Preputial Gland		Atrophy	Mild
[Atrophy TGLS = 2-10]			
* Testes		Atrophy	Moderate
[Atrophy TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 172

TRT#: 6

SEX: Male

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Epididymis		Hypospermia	Marked
* Kidney	Renal Tubule	Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Atypical Focus	Multiple, Moderate
		Fatty Change	Moderate
		Fibrosis	Focal, Minimal
Note: [Hepatoclr Aden] TGLs = 6,9-5 [Atypical Focus TGLS = 6,9-5] [Fatty Change TGLS = 3,4-5]			
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Preputial Gland		Atrophy	Minimal
		[Atrophy TGLS = 8-10]	
* Testes		Atrophy	Marked
		[Atrophy TGLS = 1-9]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 173

TRT#: 6

SEX: Male

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Kidney	Renal Tubule	Casts Protein	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Atypical Focus	Multiple, Moderate
		Fatty Change	Moderate
[Atypical Focus TGLS = 2-13, 3-5]			
* Lymph Node, Mandibular		Hemorrhage	Mild
[Hemorrhage TGLS = 1-2]			
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Testes		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 174

TRT#: 6

SEX: Male

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Epididymis		Hypospermia	Marked
* Kidney	Renal Tubule	Casts Protein	Mild
		Infiltration Cellular	Lymphocyte, Minimal
			[Infiltration Cellular TGLS = 6-7]
* Liver		Atypical Focus	Multiple, Marked
		Fatty Change	Moderate
			[Atypical Focus TGLS = 5,7-5]
			[Fatty Change TGLS = 4-5]
* Lymph Node, Mandibular		Hemorrhage	Mild
			[Hemorrhage TGLS = 2-2]
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Testes		Atrophy	Marked
			[Atrophy TGLS = 3-9]
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 175

TRT#: 6

SEX: Male

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Kidney	Renal Tubule	Casts Protein	Mild
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Moderate
* Lymph Node, Mandibular		Hemorrhage	Mild
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Preputial Gland		Atrophy	Mild
[Atrophy TGLS = 3-10]			
* Testes		Atrophy	Moderate
[Atrophy TGLS = 2-9]			
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 176

TRT#: 6

SEX: Male

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Hypospermia	Mild
* Kidney	Renal Tubule	Casts Protein	Mild
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Atypical Focus	Multiple, Moderate
		Fatty Change	Mild
[Atypical Focus TGLS = 3-5]			
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Preputial Gland		Atrophy	Mild
* Testes		Atrophy	Moderate
[Atrophy TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 177

TRT#: 6

SEX: Male

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Hypospermia	Marked
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Atypical Focus	Multiple, Moderate
		Fatty Change	Mild
			[Atypical Focus TGLS = 7-5]
			[Fatty Change TGLS = 6-5]
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Seminal Vesicle		Depletion Cellular	Moderate
			[Depletion Cellular TGLS = 4-10]
* Testes		Atrophy	Marked
			[Atrophy TGLS = 2,5-9]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 178

TRT#: 6

SEX: Male

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|-------------------------------|---------------|-----------------------|---------------------|
| * Adrenal Cortex | | Hypertrophy | Mild |
| * Epididymis | | Hypospermia | Mild |
| * Kidney | Renal Tubule | Casts Protein | Mild |
| | Renal Tubule | Hemorrhage | Minimal |
| | | Infiltration Cellular | Lymphocyte, Minimal |
| | Renal Tubule | Regeneration | Minimal |
| * Liver | | Atypical Focus | Multiple, Moderate |
| | | Fatty Change | Moderate |
| [Atypical Focus TGLS = 5-5] | | | |
| * Nose | Olfactory Epi | Degeneration | Focal, Moderate |
| * Testes | | Atrophy | Moderate |
| [Atrophy TGLS = 2-9] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 179

TRT#: 6

SEX: Male

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Renal Tubule	Casts Protein	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Atypical Focus	Multiple, Mild
		Fatty Change	Moderate
	[Atypical Focus TGLS = 2-5]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Testes		Atrophy	Mild
* Thymus		Hemorrhage	Minimal
Tooth	Dentine	Degeneration	Moderate

Note: CHANGES ARE OBVIOUS IN THE DENTINE.

Note: THE ENAMEL WAS REMOVED IN PROCESSING, BUT DEGENERATIVE

[Degeneration TGLS = 3-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 180

TRT#: 6

SEX: Male

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Hypospermia	Marked
* Kidney	Renal Tubule	Casts Protein	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Atypical Focus	Multiple, Marked
		Fatty Change	Moderate
[Atypical Focus TGLS = 9-5,13]			
* Nose	Olfactory Epi	Degeneration	Focal, Marked
* Preputial Gland		Atrophy	Moderate
[Atrophy TGLS = 1-10]			
* Seminal Vesicle		Depletion Cellular	Mild
[Depletion Cellular TGLS = 8-10]			
* Testes		Atrophy	Marked
[Atrophy TGLS = 6-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 181

TRT#: 7

SEX: Female

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Uterus	Dilatation	Moderate

[Dilatation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 182

TRT#: 7

SEX: Female

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-182

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: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 183

TRT#: 7

SEX: Female

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-183

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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver		Developmental Malformation	Focal, Mild
[Developmental Malformation TGLS = 2-5]			
* Pancreas	Acinus	Atrophy	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 184

TRT#: 7

SEX: Female

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-184

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	Infiltration Cellular	Lymphocyte, Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 185

TRT#: 7

SEX: Female

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-185

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
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Pancreas	Acinus	Atrophy	Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 186

TRT#: 7

SEX: Female

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-186

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
* Liver
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

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

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lung

Hemorrhage

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 187

TRT#: 7

SEX: Female

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-187

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
* 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

* Lung

Inflammation

Subacute, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 188

TRT#: 7

SEX: Female

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-188

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 = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 189

TRT#: 7

SEX: Female

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-189

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, 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		Hemorrhage	Focal, Minimal
		Infiltration Cellular	Lymphocyte, Mild
[Infiltration Cellular TGLS = 3-6]			
Lymph Node	Bronchial	Hemorrhage	Minimal
[Hemorrhage TGLS = 4-12,1-2]			
* Lymph Node, Mandibular		Hemorrhage	Mild
[Hemorrhage TGLS = 4-12,1-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 190

TRT#: 7

SEX: Female

DAY ON TEST: 95

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 90-1263-190

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, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Lung	Hemorrhage	Focal, Minimal
* Lymph Node, Mandibular	Hemorrhage	Mild
* Thymus	Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 191

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 192

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Thymus

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 193

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

Kidney

Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 194

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

Kidney

Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 195

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 196

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Uterus

Dilatation

Moderate

[Dilatation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 197

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 198

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 199

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 200

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-1263-200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 201

TRT#: 9

SEX: Female

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 202

TRT#: 9

SEX: Female

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

Lymph Node

Mediastinal

Hemorrhage

Mild

[Hemorrhage TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 203

TRT#: 9

SEX: Female

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Ovary

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 204	TRT#: 9 DOSE: 1.0%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 90-1263-204
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Ovary
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Lymph Node, Mandibular [Hemorrhage TGLS = 1-2]		Hemorrhage	Mild
Pituitary Gland [Hyperplasia TGLS = 3-3]	Pars Distalis	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 205

TRT#: 9

SEX: Female

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Ovary

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

Liver

Hepatodiaphragmatic Nodule

Multiple, Moderate

[Hepatodiaphragmatic Nodule TGLS = 3,4-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 206

TRT#: 9

SEX: Female

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

Uterus

Dilatation

Mild

[Dilatation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 207

TRT#: 9

SEX: Female

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 208

TRT#: 9

SEX: Female

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 209

TRT#: 9

SEX: Female

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 210

TRT#: 9

SEX: Female

DAY ON TEST: 95

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Thymus

Hemorrhage

Minimal

[Hemorrhage TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 211

TRT#: 10

SEX: Female

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 212

TRT#: 10

SEX: Female

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 213

TRT#: 10

SEX: Female

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

Lymph Node

Mediastinal

Hemorrhage

Mild

[Hemorrhage TGLS = 2-3,1-2]

Lymph Node, Mandibular

Hemorrhage

Mild

[Hemorrhage TGLS = 2-3,1-2]

Uterus

Dilatation

Mild

[Dilatation TGLS = 3-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 214

TRT#: 10

SEX: Female

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 215

TRT#: 10

SEX: Female

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

Uterus

Dilatation

Mild

[Dilatation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 216

TRT#: 10

SEX: Female

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 217

TRT#: 10

SEX: Female

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Lymph Node

Mediastinal

Hemorrhage

Minimal

[Hemorrhage TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 218

TRT#: 10

SEX: Female

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Liver

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Lymph Node, Mandibular

Hemorrhage

Mild

[Hemorrhage TGLS = 1-2]

Uterus

Dilatation

Minimal

[Dilatation TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 219

TRT#: 10

SEX: Female

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 220

TRT#: 10

SEX: Female

DAY ON TEST: 95

DOSE: 2.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 221

TRT#: 11

SEX: Female

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

Kidney

* Liver

* Nose

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Uterus

Dilatation

Mild

[Dilatation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 222

TRT#: 11

SEX: Female

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

Kidney

* Liver

* Nose

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

Ovary

Cyst

Moderate

[Cyst TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 223

TRT#: 11

SEX: Female

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

Kidney

* Nose

Uterus

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

* Liver

Hepatodiaphragmatic Nodule

Moderate

[Hepatodiaphragmatic Nodule TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 224

TRT#: 11

SEX: Female

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

Kidney

* Liver

* Nose

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 225	TRT#: 11 DOSE: 4.0%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 90-1263-225
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	Kidney	* Liver	* Nose
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Lymph Node	Renal	Hemorrhage	Mild
[Hemorrhage TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 226

TRT#: 11

SEX: Female

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

Kidney

* Liver

* Nose

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 227

TRT#: 11

SEX: Female

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

Kidney

* Liver

* Nose

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 228

TRT#: 11

SEX: Female

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

Kidney

* Liver

* Nose

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

Uterus

Dilatation

Mild

[Dilatation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 229

TRT#: 11

SEX: Female

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone
Thymus

Kidney

* Liver

* Nose

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 230

TRT#: 11

SEX: Female

DAY ON TEST: 95

DOSE: 4.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone

Kidney

* Liver

* Nose

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 231

TRT#: 12

SEX: Female

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Atypical Focus	Mild
		Fatty Change	Moderate
[Atypical Focus TGLS = 2-12]			
* Lymph Node, Mandibular		Hemorrhage	Mild
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
	Respirat Epith	Degeneration	Focal, Mild
* Uterus		Dilatation	Moderate
[Dilatation TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 232

TRT#: 12

SEX: Female

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Ovary
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Adrenal Medulla
- * Brain
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Pancreas
- * Skin
- * Thymus

- * Blood Vessel
- * Clitoral Gland
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Pituitary Gland
- * Stomach, Forestomach
- * Trachea

OBSERVATIONS

* Kidney	Renal Tubule	Casts Protein	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 233

TRT#: 12

SEX: Female

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* 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

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

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

MISSING

* Blood Vessel

OBSERVATIONS

* Adrenal Cortex
* Liver
* Nose

Olfactory Epi

Hypertrophy
Fatty Change
Degeneration

Minimal
Mild
Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 234

TRT#: 12
DOSE: 8.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 95
HISTO: 90-1263-234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Fatty Change	Moderate
		Hepatodiaphragmatic Nodule	
[Fatty Change TGLS = 1-5]			
[Hepatodiaphragmatic Nodule TGLS = 2-5]			
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Pancreas	Acinus	Atrophy	Focal, Mild
* Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 235

TRT#: 12

SEX: Female

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
* Nose	Olfactory Epi	Degeneration	Focal, Marked
* Pancreas		Ectopic Liver	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 236

TRT#: 12

SEX: Female

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Fatty Change	Mild
* Nose	Olfactory Epi	Degeneration	Focal, Moderate
* Spleen		Ectopic Tissue	

[Ectopic Tissue TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 237

TRT#: 12

SEX: Female

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 1-5]			
* Nose	Olfactory Epi	Degeneration	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 238

TRT#: 12

SEX: Female

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Fatty Change	Mild
* Lung		Hemorrhage	Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dipropylene glycol

CAS Number: 25265-71-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:15:58

First Dose M/F: NA / NA

Lab: AD LITTLE

ANIMAL ID: 239

TRT#: 12

SEX: Female

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Clitoral Gland

OBSERVATIONS

- | | | | |
|------------------|---------------|---------------|-----------------|
| * Adrenal Cortex | | Hypertrophy | Minimal |
| * Kidney | Renal Tubule | Casts Protein | Minimal |
| | Renal Tubule | Regeneration | Minimal |
| * Liver | | Fatty Change | Minimal |
| * Nose | Olfactory Epi | Degeneration | Focal, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88031-03
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:15:58
First Dose M/F: NA / NA
Lab: AD LITTLE

ANIMAL ID: 240

TRT#: 12

SEX: Female

DAY ON TEST: 95

DOSE: 8.0%

DISP: Terminal Sacrifice

HISTO: 90-1263-240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Fatty Change	Minimal
* Nose	Olfactory Epi	Degeneration	Focal, Moderate

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE