

Experiment Number: 96013-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin
CAS Number: 73-31-4

Date Report Requested: 10/16/2014
Time Report Requested: 23:50:48
First Dose M/F: NA / NA
Lab: BAT

C Number: C96013
Lock Date: 02/28/2003
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: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:48

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 101

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:48

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 102

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 103

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- Eye
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Adrenal Medulla
- * Brain
- * Harderian Gland
- * Intestine Small, Duodenum
- * Kidney
- * Nose
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Blood Vessel
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Liver
- * Pancreas
- * Prostate
- * Spleen
- * Thymus

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------|----------------|----------------|------------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Lung | Alveolar Epith | Hyperplasia | Focal, Minimal |
| | | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 104

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Lung	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 105

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Lung	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 106

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|-------------------|----------------|------------------|
| * Harderian Gland | Inflammation | Chronic, Minimal |
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Mineralization | Minimal |
| | Nephropathy | Minimal |
| * Liver | Inflammation | Chronic, Minimal |
| * Lung | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 107

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|---|----------------------------|------------------|
| * Harderian Gland | Pigmentation | Mild |
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Nephropathy | Minimal |
| * Liver | Hepatodiaphragmatic Nodule | |
| [Hepatodiaphragmatic Nodule TGLS = 1-7] | | |
| * Lung | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 108

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 109

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 110

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 201

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 202

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 203

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 204

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 205

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 206

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 207

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 208

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 209

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 210

TRT#: 3

SEX: Male

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 301

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 302

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 303

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Thyroid Gland

OBSERVATIONS

Eye

Retina

Dysplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 304

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 305

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 306

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 307

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 308

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 309

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 310

TRT#: 5

SEX: Male

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 401

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Inflammation

Chronic, Minimal

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 402

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 403

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 404

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 405

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 406

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Inflammation

Chronic, Minimal

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 407

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 408

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 409

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 410

TRT#: 7

SEX: Male

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 501

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 502

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 503

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 504

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

Liver

Hepatodiaphragmatic Nodule

Inflammation

Chronic, Minimal

[Hepatodiaphragmatic Nodule TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 505

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 506

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 507

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 508

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 509

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

OBSERVATIONS

Eye

Cornea

Inflammation

Mild

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 510

TRT#: 9

SEX: Male

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 601

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|-------------------|----------------|------------------|
| * Harderian Gland | Pigmentation | Mild |
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Mineralization | Minimal |
| | Nephropathy | Minimal |
| * Liver | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 602

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 603

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Mild
* Heart	Cardiomyopathy	Minimal
* Lung	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 604

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Mild
* Heart	Cardiomyopathy	Minimal
* Liver	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 605

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Mild
* Lung	Metaplasia	Osseous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 606

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Harderian Gland	Pigmentation	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 607

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|-------------------|----------------|------------------|
| * Harderian Gland | Pigmentation | Mild |
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Mineralization | Minimal |
| * Lung | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 608

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone Marrow

* Eye

* 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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland

Inflammation

Chronic, Minimal

Pigmentation

Mild

* Heart

Cardiomyopathy

Minimal

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 609

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|-------------------|----------------|------------------|
| * Harderian Gland | Pigmentation | Mild |
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Mineralization | Minimal |
| * Liver | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 610

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 151

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 152

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
	Mineralization	Minimal
* Liver	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 153

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|---|----------------------------|---------|
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Mineralization | Minimal |
| * Liver | Hepatodiaphragmatic Nodule | |
| [Hepatodiaphragmatic Nodule TGLS = 1-7] | | |
| * Uterus | Dilatation | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 154

TRT#: 2

DOSE: 0 UG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 94

HISTO: 0200834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain	Pineal Gland	Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Infarct	Minimal
* Liver		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Mild
[Atrophy TGLS = 2-7]			
* Uterus		Dilatation	Mild
[Dilatation TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 155

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|----------|------------|----------------|-------------------|
| * Heart | | Cardiomyopathy | Minimal |
| | Myocardium | Mineralization | Mild |
| * Kidney | | Mineralization | Minimal |
| * Liver | | Inflammation | Chronic, Minimal |
| * Uterus | | Metaplasia | Squamous, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 156

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Inflammation	Chronic, Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
* Liver	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 157

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Ovary		Cyst	
* Skin	Lip	Inflammation	Chronic Active, Moderate
	Lip	Ulcer	Moderate
	[Ulcer TGLS = 1-13]		
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 158

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|-------------------|----------------|------------------|
| * Harderian Gland | Inflammation | Chronic, Minimal |
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Mineralization | Minimal |
| * Lung | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 159

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|-------------------|----------------|-------------------|
| * Harderian Gland | Pigmentation | Mild |
| * Heart | Cardiomyopathy | Minimal |
| * Liver | Inflammation | Chronic, Minimal |
| * Uterus | Metaplasia | Squamous, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 160

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|--|---------------|----------------|------------------|
| * Brain | Cranial Nerve | Degeneration | Mild |
| Note: Degeneration was found in trigeminal nerve | | | |
| * Harderian Gland | | Inflammation | Chronic, Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Liver | | Inflammation | Chronic, Minimal |
| * Uterus | | Dilatation | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Thyroid Gland

Uterus

OBSERVATIONS

Ovary

Mineralization

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 252

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 253

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Melatonin
CAS Number: 73-31-4

Date Report Requested: 10/16/2014
Time Report Requested: 23:50:49
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255	TRT#: 4	SEX: Female	DAY ON TEST: 94
	DOSE: 5 UG/KG	DISP: Terminal Sacrifice	HISTO: 0200855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye	Harderian Gland	Ovary	Thyroid Gland
-----	-----------------	-------	---------------

OBSERVATIONS

Liver	[Hepatodiaphragmatic Nodule TGLS = 1-7]	Hepatodiaphragmatic Nodule	
Uterus		Dilatation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 256

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 259

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

OBSERVATIONS

Uterus

Dilatation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 5 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Melatonin
CAS Number: 73-31-4

Date Report Requested: 10/16/2014
Time Report Requested: 23:50:49
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 351	TRT#: 6	SEX: Female	DAY ON TEST: 94
	DOSE: 50 UG/KG	DISP: Terminal Sacrifice	HISTO: 0200871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye	Ovary	Thyroid Gland
-----	-------	---------------

OBSERVATIONS

Harderian Gland	Pigmentation	Mild
Liver	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-13]		
Uterus	Dilatation	Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 352

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

OBSERVATIONS

Uterus

Dilatation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 353

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Melatonin
CAS Number: 73-31-4

Date Report Requested: 10/16/2014
Time Report Requested: 23:50:49
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354	TRT#: 6	SEX: Female	DAY ON TEST: 94
	DOSE: 50 UG/KG	DISP: Terminal Sacrifice	HISTO: 0200874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Eye	Harderian Gland	Ovary	Thyroid Gland
Uterus			

OBSERVATIONS			
Liver		Hepatodiaphragmatic Nodule Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 355

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 356

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 357

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

Uterus

Dilatation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 358

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 359

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 360

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 451

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 452

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 453

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

OBSERVATIONS

Uterus

Dilatation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 454

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 455

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 456

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 457

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 458

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-13]

Uterus

Dilatation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 459

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 460

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 5000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

Uterus

Dilatation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 551

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 552

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 553

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 554

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 555

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-7]

Uterus

Dilatation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 556

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 557

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

Uterus

Dilatation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 558

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Ovary

Thyroid Gland

Uterus

OBSERVATIONS

Harderian Gland

Pigmentation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 559

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 560

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Harderian Gland

Ovary

Thyroid Gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 651

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

Eye	Retina	Dysplasia	Mild
* Harderian Gland		Pigmentation	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Melatonin
CAS Number: 73-31-4

Date Report Requested: 10/16/2014
Time Report Requested: 23:50:49
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 652

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Mild
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 653

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Harderian Gland	Pigmentation	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic, Minimal
* Nose	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 654

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 655

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Eye
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

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

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland
* Liver
* Lung

Pigmentation
Inflammation

Mild
Chronic, Minimal

Note: Eosinophilic material resembling collagen in a single pulmonary alveolus, slide 5; a few macrophages surround the eosinophilic material.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 656

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Moderate
* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Hemorrhage	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 657

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland	Cyst	Minimal
* Harderian Gland	Pigmentation	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
	Mineralization	Minimal
* Lung	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 658

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 659

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|---------|--|------------------|
| * Heart | Cardiomyopathy | Minimal |
| * Liver | Hepatodiaphragmatic Nodule
Inflammation | Chronic, Minimal |

[Hepatodiaphragmatic Nodule TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96013-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/16/2014

Time Report Requested: 23:50:49

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 660

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 UG/KG

DISP: Terminal Sacrifice

HISTO: 0200940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|---------|----------------|------------------|
| * Heart | Cardiomyopathy | Minimal |
| * Liver | Inflammation | Chronic, Minimal |
| * Lung | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

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** END OF REPORT **

* PROTOCOL REQUIRED TISSUE