

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C96013
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106571
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106572
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106573
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106574
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106575
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106576
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106577
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106578
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 1 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106579
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 10

**TRT#:** 1  
**DOSE:** 0 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106580

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex  
\* Prostate  
\* Thyroid Gland

\* Adrenal Medulla  
\* Seminal Vesicle

\* Epididymis  
\* Testes

\* Preputial Gland  
\* Thymus

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 11	<b>TRT#:</b> 3 <b>DOSE:</b> 5 UG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106581
<b>OBSERVATIONS</b>			
Skin [ Ulcer TGLS = 1-4 ]		Ulcer	Moderate
Testes [ Atrophy TGLS = 2-2 ]	Germinal Epith	Atrophy	Moderate
<hr/> <b>PRIMARY CAUSE OF DEATH</b> - <hr/>			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 12

**TRT#:** 3  
**DOSE:** 5 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106582

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 13

**TRT#:** 3  
**DOSE:** 5 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106583

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 14

**TRT#:** 3  
**DOSE:** 5 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106584

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 15

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 5 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106585

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 16

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 5 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106586

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 17

**TRT#:** 3  
**DOSE:** 5 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106587

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 18

**TRT#:** 3  
**DOSE:** 5 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106588

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 19

**TRT#:** 3  
**DOSE:** 5 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106589

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:14  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 20

**TRT#:** 3  
**DOSE:** 5 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106590

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 21

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106591

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 22

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106592

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 23

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106593

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 24

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106594

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 25

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106595

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**OBSERVATIONS**

Skin

Inflammation

Chronic Active, Moderate

[ Inflammation TGLS = 1-4 ]

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 26

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106596

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 27

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106597

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 28

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106598

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 29

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106599

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 30

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106600

---

**OBSERVATIONS**

Kidney

Hydronephrosis

Moderate

[ Hydronephrosis TGLS = 1,2-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 31

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 5000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106601

---

**OBSERVATIONS**

Skin

Ulcer

Moderate

[ Ulcer TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 32

**TRT#:** 7

**DOSE:** 5000 UG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28

**HISTO:** 0106602

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 33

**TRT#:** 7  
**DOSE:** 5000 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106603

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 34

**TRT#:** 7

**DOSE:** 5000 UG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28

**HISTO:** 0106604

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 35

**TRT#:** 7

**DOSE:** 5000 UG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28

**HISTO:** 0106605

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 36

**TRT#:** 7

**DOSE:** 5000 UG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28

**HISTO:** 0106606

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 37

**TRT#:** 7

**DOSE:** 5000 UG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28

**HISTO:** 0106607

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 38

**TRT#:** 7  
**DOSE:** 5000 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106608

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 39

**TRT#:** 7

**DOSE:** 5000 UG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28

**HISTO:** 0106609

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 40

**TRT#:** 7

**DOSE:** 5000 UG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28

**HISTO:** 0106610

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 41

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106611

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 42

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106612

---

**OBSERVATIONS**

Liver  
[ Hepatodiaphragmatic Nodule TGLS = 1-4 ]

Hepatodiaphragmatic Nodule

---

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 43

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106613

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 44

**TRT#:** 9  
**DOSE:** 50,000 UG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106614

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**OBSERVATIONS**

Lymph Node, Mandibular  
[ Hyperplasia TGLS = 1-4 ]

Hyperplasia

Lymphoid, Marked

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 45

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106615

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 46

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106616

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 47

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106617

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 48

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106618

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 49

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106619

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 50

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106620

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 51

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 200,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106621

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Epididymis

\* Preputial Gland

\* Prostate

\* Seminal Vesicle

\* Testes

\* Thymus

\* Thyroid Gland

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 52	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 28
	<b>DOSE:</b> 200,000 UG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0106622

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

---

**OBSERVATIONS**

\* Adren Cortex  
    Note: Right adrenal gland missing at trim.

\* Adren Medulla  
    Note: Right adrenal gland was missing at trim

---

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 53	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 28
	<b>DOSE:</b> 200,000 UG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0106623

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 54	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 28
	<b>DOSE:</b> 200,000 UG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0106624

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 55	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 28
	<b>DOSE:</b> 200,000 UG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0106625

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 56	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 28
	<b>DOSE:</b> 200,000 UG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0106626

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 57	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 28
	<b>DOSE:</b> 200,000 UG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0106627

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Preputial Gland	* Prostate
* Seminal Vesicle	* Thymus	* Thyroid Gland	

---

**OBSERVATIONS**

* Epididymis Note: Epididymal degeneration = aspermia		Degeneration	Moderate
* Testes [ Atrophy TGLS = 1-2 ]	Germinal Epith	Atrophy	Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 58

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 200,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106628

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Epididymis

\* Preputial Gland

\* Prostate

\* Seminal Vesicle

\* Testes

\* Thymus

\* Thyroid Gland

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 59

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 200,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106629

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Epididymis

\* Preputial Gland

\* Prostate

\* Seminal Vesicle

\* Testes

\* Thymus

\* Thyroid Gland

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 60

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 28

**DOSE:** 200,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106630

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Epididymis

\* Preputial Gland

\* Prostate

\* Seminal Vesicle

\* Testes

\* Thymus

\* Thyroid Gland

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 181

**TRT#:** 2  
**DOSE:** 0 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106751

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 182

**TRT#:** 2  
**DOSE:** 0 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106752

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 183

**TRT#:** 2  
**DOSE:** 0 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106753

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 184

**TRT#:** 2  
**DOSE:** 0 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106754

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 185

**TRT#:** 2  
**DOSE:** 0 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106755

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 186	<b>TRT#:</b> 2 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106756
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Ovary	* Thymus
* Thyroid Gland			

---

**OBSERVATIONS**

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 187

**TRT#:** 2  
**DOSE:** 0 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106757

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 188

**TRT#:** 2  
**DOSE:** 0 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106758

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 189	<b>TRT#:</b> 2 <b>DOSE:</b> 0 UG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 28 <b>HISTO:</b> 0106759
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Ovary	* Thymus
* Thyroid Gland			

---

**OBSERVATIONS**

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 190

**TRT#:** 2  
**DOSE:** 0 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106760

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 191

**TRT#:** 4  
**DOSE:** 5 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106761

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 192

**TRT#:** 4  
**DOSE:** 5 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106762

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 193

**TRT#:** 4  
**DOSE:** 5 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106763

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 194

**TRT#:** 4  
**DOSE:** 5 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106764

---

**OBSERVATIONS**

Lymph Node, Mandibular  
[ Hyperplasia TGLS = 1-3 ]

Hyperplasia

Lymphoid, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 195

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 5 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106765

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 196

**TRT#:** 4  
**DOSE:** 5 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106766

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 197

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 5 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106767

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 198

**TRT#:** 4  
**DOSE:** 5 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106768

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 199

**TRT#:** 4  
**DOSE:** 5 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106769

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 200

**TRT#:** 4  
**DOSE:** 5 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106770

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 201

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106771

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 202

**TRT#:** 6  
**DOSE:** 50 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106772

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 203

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106773

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 204

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106774

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 205

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106775

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 206

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106776

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 207

**TRT#:** 6  
**DOSE:** 50 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106777

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 208

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106778

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 209

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 50 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106779

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 210

**TRT#:** 6  
**DOSE:** 50 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106780

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 211

**TRT#:** 8  
**DOSE:** 5000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106781

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 212

**TRT#:** 8  
**DOSE:** 5000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106782

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 213

**TRT#:** 8  
**DOSE:** 5000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106783

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 214

**TRT#:** 8  
**DOSE:** 5000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106784

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 215

**TRT#:** 8  
**DOSE:** 5000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106785

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 216

**TRT#:** 8

**DOSE:** 5000 UG/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28

**HISTO:** 0106786

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 217

**TRT#:** 8  
**DOSE:** 5000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106787

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 218

**TRT#:** 8  
**DOSE:** 5000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106788

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 219

**TRT#:** 8  
**DOSE:** 5000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106789

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 220

**TRT#:** 8

**DOSE:** 5000 UG/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28

**HISTO:** 0106790

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 221

**TRT#:** 10  
**DOSE:** 50,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106791

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 222

**TRT#:** 10  
**DOSE:** 50,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106792

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 223

**TRT#:** 10  
**DOSE:** 50,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106793

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 224

**TRT#:** 10  
**DOSE:** 50,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106794

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 225

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106795

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 226

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106796

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 227

**TRT#:** 10  
**DOSE:** 50,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106797

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 228

**TRT#:** 10  
**DOSE:** 50,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106798

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 229

**TRT#:** 10  
**DOSE:** 50,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106799

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 230

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 50,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106800

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 231

**TRT#:** 12  
**DOSE:** 200,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106801

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 232

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 200,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106802

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Ovary

\* Thymus

\* Thyroid Gland

\* Uterus

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 233

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 200,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106803

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Ovary

\* Thymus

\* Thyroid Gland

\* Uterus

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 234

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 200,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106804

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Ovary

\* Thymus

\* Thyroid Gland

\* Uterus

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 235

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 28

**DOSE:** 200,000 UG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0106805

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Ovary

\* Thymus

\* Thyroid Gland

\* Uterus

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 236	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 28
	<b>DOSE:</b> 200,000 UG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0106806

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla

\* Ovary

\* Thymus

**OBSERVATIONS**

\* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

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PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 237	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 28
	<b>DOSE:</b> 200,000 UG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0106807

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Ovary	* Thymus
* Thyroid Gland			

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**OBSERVATIONS**

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 238

**TRT#:** 12  
**DOSE:** 200,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106808

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 239

**TRT#:** 12  
**DOSE:** 200,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106809

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

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PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 96013-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/LONG-EVANS

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:15  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 240

**TRT#:** 12  
**DOSE:** 200,000 UG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 28  
**HISTO:** 0106810

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex  
\* Thyroid Gland

\* Adrenal Medulla  
\* Uterus

\* Ovary

\* Thymus

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**PRIMARY CAUSE OF DEATH**

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**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE