

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:48  
**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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Melatonin  
 CAS Number: 73-31-4

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
LONG-EVANS Rat Male	0	0	0	0	0	0	0	0	0	0
0 UG/KG	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

**General Body System**

NONE

**Genital System**

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

**Hematopoietic System**

Thymus	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

**Integumentary System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Melatonin  
 CAS Number: 73-31-4

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	1	1
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

NONE										
<b>Musculoskeletal System</b>										
NONE										
<b>Nervous System</b>										
NONE										
<b>Respiratory System</b>										
NONE										
<b>Special Senses System</b>										
NONE										
<b>Urinary System</b>										
NONE										
<b>SYSTEMIC LESIONS</b>										
Multiple Organ	+	+	+	+	+	+	+	+	+	+
										10

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue  
 M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

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

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

LONG-EVANS Rat Male 5 UG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0	0
											<b>*TOTALS</b>

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Testes + 1

**Hematopoietic System**

NONE

**Integumentary System**

Skin + 1

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Melatonin  
 CAS Number: 73-31-4

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

LONG-EVANS Rat Male 5 UG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	
		8	8	8	8	8	8	8	8	8	8	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
		0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		1	1	1	1	1	1	1	1	2		
		1	2	3	4	5	6	7	8	9		

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ + 1

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Melatonin  
**CAS Number:** 73-31-4

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>LONG-EVANS Rat Male</b> <b>50 UG/KG</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2
		8	8	8	8	8	8	8	8	8	8
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	3	0
		1	2	3	4	5	6	7	8	9	0
<b>*TOTALS</b>											

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin

+

1

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Melatonin  
 CAS Number: 73-31-4

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

LONG-EVANS Rat Male 50 UG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	3	0
	1	2	3	4	5	6	7	8	9	0	
											*TOTALS

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

Kidney

+ 1

**SYSTEMIC LESIONS**

Multiple Organ

+ + 2

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Melatonin  
 CAS Number: 73-31-4

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

LONG-EVANS Rat Male 5000 UG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2
		8	8	8	8	8	8	8	8	8	8
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	4	4
		1	2	3	4	5	6	7	8	9	0
*TOTALS											

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin

+

1

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically



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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Melatonin  
 CAS Number: 73-31-4

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

LONG-EVANS Rat Male 5000 UG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2
		8	8	8	8	8	8	8	8	8	8
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	4
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ + 1

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Melatonin  
 CAS Number: 73-31-4

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

LONG-EVANS Rat Male 50,000 UG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		ANIMAL ID	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

**Alimentary System**

Liver + 1

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Lymph Node, Mandibular + 1

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

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

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

<b>LONG-EVANS Rat Male</b> <b>50,000 UG/KG</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2
		8	8	8	8	8	8	8	8	8	8
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		4	4	4	4	4	4	4	4	5	5
		1	2	3	4	5	6	7	8	9	0
<b>*TOTALS</b>											

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

+ +

2

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Melatonin  
 CAS Number: 73-31-4

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

LONG-EVANS Rat Male 200,000 UG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2
		8	8	8	8	8	8	8	8	8	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	6	6
	1	2	3	4	5	6	7	8	9	0	0
											*TOTALS

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

**General Body System**

NONE

**Genital System**

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

**Hematopoietic System**

Thymus	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

**Integumentary System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

**Experiment Number:** 96013-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/LONG-EVANS

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

**Test Compound:** Melatonin

**CAS Number:** 73-31-4

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 08:33:48

**First Dose M/F:** NA / NA

**Lab:** BAT

		DAY ON TEST									
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2
		8	8	8	8	8	8	8	8	8	8
		ANIMAL ID									
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		5	5	5	5	5	5	5	5	5	6
		1	2	3	4	5	6	7	8	9	0
											*TOTALS

NONE  
**Musculoskeletal System**

NONE  
**Nervous System**

NONE  
**Respiratory System**

NONE  
**Special Senses System**

NONE  
**Urinary System**

NONE  
**SYSTEMIC LESIONS**

Multiple Organ                                    +   +   +   +   +   +   +   +   +   +                                    10

\*\*\*END OF MALE DATA\*\*\*

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

Experiment Number: 96013-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/LONG-EVANS

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:48

First Dose M/F: NA / NA

Lab: BAT

LONG-EVANS Rat Female 0 UG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2
		8	8	8	8	8	8	8	8	8	8
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1
		8	8	8	8	8	8	8	8	8	9
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10

Hematopoietic System

Thymus	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

Integumentary System

NONE

Musculoskeletal System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 96013-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/LONG-EVANS

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:48

First Dose M/F: NA / NA

Lab: BAT

	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
<b>LONG-EVANS Rat Female</b> <b>0 UG/KG</b>		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2
		8	8	8	8	8	8	8	8	8	8
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1
		8	8	8	8	8	8	8	8	8	9
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

NONE  
**Nervous System**

NONE  
**Respiratory System**

NONE  
**Special Senses System**

NONE  
**Urinary System**

NONE  
**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	10
----------------	---	---	---	---	---	---	---	---	---	---	---	----

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Melatonin  
 CAS Number: 73-31-4

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
LONG-EVANS Rat Female	0	0	0	0	0	0	0	0	0	0
5 UG/KG	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	2
	9	9	9	9	9	9	9	9	9	0
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Lymph Node, Mandibular

+

1

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically



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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Melatonin  
 CAS Number: 73-31-4

Date Report Requested: 10/23/2014  
 Time Report Requested: 08:33:48  
 First Dose M/F: NA / NA  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
<b>LONG-EVANS Rat Female</b>	0	0	0	0	0	0	0	0	0	0
<b>5 UG/KG</b>	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	2
	9	9	9	9	9	9	9	9	9	0
	1	2	3	4	5	6	7	8	9	0
	<b>*TOTALS</b>									

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

+

1

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Melatonin  
**CAS Number:** 73-31-4

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

DAY ON TEST

**LONG-EVANS Rat Female**  
**50 UG/KG**

ANIMAL ID

\*TOTALS

---

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Melatonin  
**CAS Number:** 73-31-4

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

DAY ON TEST

**LONG-EVANS Rat Female**  
**50 UG/KG**

ANIMAL ID

\*TOTALS

---

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ 0

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Melatonin  
**CAS Number:** 73-31-4

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

DAY ON TEST

**LONG-EVANS Rat Female**  
**5000 UG/KG**

ANIMAL ID

\*TOTALS

---

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Melatonin  
**CAS Number:** 73-31-4

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

DAY ON TEST

**LONG-EVANS Rat Female**  
**5000 UG/KG**

ANIMAL ID

\*TOTALS

---

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ 0

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Melatonin  
**CAS Number:** 73-31-4

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

DAY ON TEST

**LONG-EVANS Rat Female**  
**50,000 UG/KG**

ANIMAL ID

\*TOTALS

---

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Melatonin  
**CAS Number:** 73-31-4

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 08:33:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

DAY ON TEST

**LONG-EVANS Rat Female**  
**50,000 UG/KG**

ANIMAL ID

\*TOTALS

---

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ 0

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

Experiment Number: 96013-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/LONG-EVANS

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:49

First Dose M/F: NA / NA

Lab: BAT

LONG-EVANS Rat Female 200,000 UG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	
		8	8	8	8	8	8	8	8	8	8	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2		
	3	3	3	3	3	3	3	3	3	4		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10

Hematopoietic System

Thymus	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

Integumentary System

NONE

Musculoskeletal System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically



Experiment Number: 96013-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/LONG-EVANS

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:49

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
<b>LONG-EVANS Rat Female</b>	0	0	0	0	0	0	0	0	0	0
<b>200,000 UG/KG</b>	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

+ + + + + + + + + + 10

\*\* END OF REPORT \*\*

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically