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

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin CAS Number: 73-31-4 Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

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

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

LONG-EVANS Rat Ma	DAY ON TEST	0 0										
0 UG/KG		2 8										
0.00/110	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 1 0	*TOTALS
Alimentary System									•	•		
NONE Cardiovascular System												
NONE Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland General Body System		+	+	+	+	+	+	+	+	+	+	10
NONE Genital System												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Preputial Gland		+	+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10
Testes		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Thymus Integumentary System		+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

			-	-		-	-				-	
	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
LONG-EVANS Rat Ma		0	0	0	0	0	0	0	0	0	0	
LUNG-EVANS Rat Ma	le	2	2	2	2	2	2	2	2	2	2	
0 UG/KG		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	$\begin{bmatrix} 0 \\ - \end{array}$	0	0		*тот
		1	2	3	4	5	6	1	8	9	0	*TOT

NONE

**Musculoskeletal System** 

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

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

ر LONG-EVANS Rat Male	DAY ON TEST	0 0										
5 UG/KG	ANIMAL ID	2 8 0 0 0 1 1	2 8 0 0 0 1 2	2 8 0 0 0 1 3	2 8 0 0 0 1 4	2 8 0 0 0 1 5	2 8 0 0 0 1 6	2 8 0 0 0 1 7	2 8 0 0 0 1 8	2 8 0 0 0 1 9	2 8 0 0 0 2 0	*TOTALS
Alimentary System				-	-	-			-	-		
NONE Cardiovascular System												
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Testes Hematopoietic System		+										1
NONE Integumentary System												
Skin Musculoskeletal System		+										1
NONE Nervous System												
NONE												

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

DAY	ON TEST	0	0	0	0	0	0	0	0	0	0
ONG-EVANS Rat Male		02	0	0	0 2	02	02	02	02	02	0 2
5 UG/KG		<b>2</b> / <b>8</b>	$\frac{2}{8}$	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
		ŏ	0	0	0	0	0	0	0	0	0
		1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0

+

**Respiratory System** 

NONE

**Special Senses System** 

NONE

L 5

**Urinary System** 

## NONE SYSTEMIC LESIONS

Multiple Organ

\* .. 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

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

_										
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
	2	2	2	2	2	2	2	2	2	2
50 UG/KG	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	2	3
	1	2	3	4	5	6	7	8	9	0

+

Alimentary System

NONE

**Cardiovascular System** 

NONE

Endocrine System

NONE

**General Body System** 

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

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

+  $\hfill ... Tissue examined microscopically$ 

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

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Route: GAVAGE Species/Strain: Rat/LONG-EVANS

D/ LONG-EVANS Rat Male 50 UG/KG	AY ON TEST	0 0 2 8 0 0 0 2 1	0 0 2 8 0 0 0 2 2 8	0 0 2 8 0 0 0 2 3	0 0 2 8 0 0 0 2 4	0 0 2 8 0 0 0 2 5	0 0 2 8 0 0 0 2 6	0 0 2 8 0 0 0 2 7	0 0 2 8 0 0 0 2 8	0 0 2 8 0 0 0 0 2 9	0 0 2 8 0 0 0 0 3 0	*TOTALS
Respiratory System			2	0			0		0		0	1017/20
Special Senses System												
NONE Urinary System												
Kidney											+	1

+

radiuty	
SYSTEMIC	LESIONS

Multiple Organ

\* .. 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

2

+

#### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

	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	
LUNG-EVANS Rat Mar	•	2	2	2	2	2	2	2	2	2	2	
5000 UG/KG		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	*тот
		1	2	3	4	5	6	7	8	9	0	*TOT/

+

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

**General Body System** 

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

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

+  $\hfill ... Tissue examined microscopically$ 

X ..Lesion present

I .. Insufficient tissue

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

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

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

+

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

## NONE SYSTEMIC LESIONS

Multiple Organ

\* .. 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

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

X ..Lesion present

I .. Insufficient tissue

LONG-EVANS Rat Ma 50,000 UG/KG	DAY ON TEST ale ANIMAL ID	0 0 2 8 0 0 0 0 4 1	0 0 2 8 0 0 0 0 4 2	0 0 2 8 0 0 0 4 3	0 0 2 8 0 0 0 0 4 4	0 0 2 8 0 0 0 0 4 5	0 0 2 8 0 0 0 4 6	0 0 2 8 0 0 0 0 4 7	0 0 2 8 0 0 0 0 4 8	0 0 2 8 0 0 0 0 4 9	0 0 2 8 0 0 0 5 0	*TOTALS
Alimentary System Liver Cardiovascular System			+									1
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
NONE Hematopoietic System												
Lymph Node, Mandibular Integumentary System					+							1
NONE Musculoskeletal System												
NONE Nervous System												
NONE												
<ul> <li>*Total animals with tissue exam</li> <li>+Tissue examined microscopica</li> </ul>		Total	anim	als w	vith tu	imor						MMissing tissue AAutolysis preclu

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

ANIMAL ID 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DAY ON TEST LONG-EVANS Rat Male 50,000 UG/KG	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	
	-	0 0 0	0 0 0 4	0 0 0	Ō	0 0 0	0 0 0 4 6	0 0 0 4	0 0 0	0 0 0 4	0 0 0	*TOTALS

+

+

## **Respiratory System**

NONE

## **Special Senses System**

NONE

## **Urinary System**

## NONE SYSTEMIC LESIONS

Multiple Organ

\* .. 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

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Species/Strain: Rat/LONG-EVANS

Experiment Number: 96013-02

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

LONG-EVANS Rat Ma 200,000 UG/KG	DAY ON TEST <b>le</b> ANIMAL ID	0 0 2 8 0 0 0 5 1	0 0 2 8 0 0 0 5 2	0 0 2 8 0 0 0 5 3	0 0 2 8 0 0 0 5 4	0 0 2 8 0 0 0 5 5	0 0 2 8 0 0 0 5 6	0 0 2 8 0 0 0 5 7	0 0 2 8 0 0 0 5 8	0 0 2 8 0 0 0 5 9	0 0 2 8 0 0 0 0 6 0	*TOTALS
Alimentary System			•	•		•	•	•	•	•		
NONE Cardiovascular System												
NONE Endocrine System												
Adrenal Cortex Adrenal Medulla Thyroid Gland <b>General Body System</b>		+ + +	10 10 10									
NONE Genital System												
Epididymis Preputial Gland Prostate		+ + +	10 10 10									
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10
Testes Hematopoietic System		+	+	+	+	+	+	+	+	+	+	10
Thymus Integumentary System		+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

#### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

DAY ON <sup>-</sup>	TEST 0	)   0	0	0	0	0	0	0	0	0	
LONG-EVANS Rat Male		) 0	0	0	0	0	0	0	0	0	
LONG-EVANS Rat Male	2	2   2	2	2	2	2	2	2	2	2	
200,000 UG/KG	8	8 8	8	8	8	8	8	8	8	8	
ANIM		) 0	0	0	0	0	0	0	0	0	
AINIW		)   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	5	6	*TOTALS
	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

Experiment Number: 96013-02 Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/LONG-EVANS

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

LONG-EVANS Rat Fe	DAY ON TEST	0 2	0 0 2									
0 UG/KG	ANIMAL ID	8 0 1 8 1	8 0 1 8 2	8 0 1 8 3	8 0 1 8 4	8 0 1 8 5	8 0 1 8 6	8 0 1 8 7	8 0 1 8 8	8 0 1 8 9	8 0 1 9 0	*TOTALS_
Alimentary System				-	-	-	-		-			
NONE Cardiovascular System												
NONE Endocrine System												
Adrenal Cortex Adrenal Medulla		+ +	10 10									
Thyroid Gland General Body System		+	+	+	+	+	+	+	+	+	+	10
NONE Genital System												
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus Hematopoietic System		+	+	+	+	+	+	+	+	+	+	10
Thymus Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE												

Musculoskeletal System

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

_		-	-		-	-	-	-		-	
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	
LONG-EVANS Rat remaie	2	2	2	2	2	2	2	2	2	2	
0 UG/KG	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	*TOTAL
	1	2	3	4	5	6	1	8	9	0	*TOTALS

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

## **Special Senses System**

NONE

**Urinary System** 

#### NONE

### SYSTEMIC LESIONS

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

\* .. 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

#### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

-												
	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	
	2	2	2	2	2	2	2	2	2	2		
5 UG/KG		8	8	8	8	8	8	8	8	8	8	
ANIMAL II		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 1	9	9	9 ⊿	9 5	9	9	9	9	0	*TOTAL
				5	+	5	0	/	0	3	0	IOIAL

+

### Alimentary System

NONE

**Cardiovascular System** 

NONE

Endocrine System

NONE

**General Body System** 

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular

Integumentary System

NONE Musculoskolotal Syste

Musculoskeletal System

NONE Nervous System

NONE

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

+  $\hfill ... Tissue examined microscopically$ 

X ..Lesion present

I .. Insufficient tissue

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

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
LONG-EVANS Rat Female		0	0	0	0	0	0	0	$\begin{bmatrix} 0\\ 2 \end{bmatrix}$	0	
5 UG/KG	$\frac{2}{8}$	8	8	8	8	8	8	8	$\frac{2}{8}$	8	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	Ō	
	1	2	3	4	5	6	7	8	9	0	*TOTAL
									•		

+

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

## NONE SYSTEMIC LESIONS

Multiple Organ

\* .. 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	P17: NEOPLASMS BY INE	DIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGE Test Compound: Melatonin CAS Number: 73-31-4	ED) Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT
DAY ON T LONG-EVANS Rat Female 50 UG/KG			
ANIMA	*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			
<ul> <li>*Total animals with tissue examined microscopi</li> <li>+Tissue examined microscopically</li> <li>XLesion present</li> </ul>	cally; Total animals with tumor	MMissing tissue AAutolysis precludes evaluation BLANKNot examined microscopically	

Experiment Number: 96013-02	P17: NEOPLASMS	BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 10/23/2014
Test Type: 14-DAY		Test Compound: Melatonin	Time Report Requested: 08:33:31
Route: GAVAGE		CAS Number: 73-31-4	First Dose M/F: NA / NA
Species/Strain: Rat/LONG-EVANS			Lab: BAT
DAY ON TE	ST		
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

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

#### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin CAS Number: 73-31-4 Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 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

Test Type: 14-DAY	Test Compound: Melatonin	Time Report Requested: 08:33:31
	CAC Numbers 70.04 4	
Route: GAVAGE	CAS Number: 73-31-4	First Dose M/F: NA / NA
Species/Strain: Rat/LONG-EVANS		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

Experiment Number: 96013-02 Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: Melatonin CAS Number: 73-31-4
DAY ON TE LONG-EVANS Rat Female 50,000 UG/KG	ST
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 microscopica	Iv: Total animals with tumor MMissing tissue

## Date Report Requested: 10/23/2014 Time Report Requested: 08:33:31 First Dose M/F: NA / NA Lab: BAT

ally; opi

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 96013-02	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 10/23/2014					
Test Type: 14-DAY	Test Compound: Melatonin	Time Report Requested: 08:33:32					
Route: GAVAGE	CAS Number: 73-31-4	First Dose M/F: NA / NA					
Species/Strain: Rat/LONG-EVANS		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

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:32 First Dose M/F: NA / NA Lab: BAT

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

LONG-EVANS Rat Fema 200,000 UG/KG	DAY ON TEST <b>ale</b> ANIMAL ID	0 2 8 0 2 8 0 2 3 1	0 0 2 8 0 0 2 3 2	0 0 2 8 0 0 2 3 3	0 0 2 8 0 0 2 3 4	0 0 2 8 0 0 2 3 5	0 0 2 8 0 0 2 3 6	0 0 2 8 0 0 2 3 7	0 0 2 8 0 0 2 3 8	0 0 2 8 0 0 2 3 9	0 0 2 8 0 0 2 4 0	*TOTALS
Alimentary System			-	0	•	0	0	,				
NONE Cardiovascular System												
NONE Endocrine System												
Adrenal Cortex Adrenal Medulla Thyroid Gland <b>General Body System</b>		+ + +	+ + +	+ + +	+ + +	+ + +	+ + +	+ + +	+ + +	+ + +	+ + +	10 10 10
NONE Genital System												
Ovary Uterus <b>Hematopoietic System</b>		+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	10 10
Thymus Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE Musculoskeletal System												

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:32 First Dose M/F: NA / NA Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/LONG-EVANS

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
	2	2	2	2	2	2	2	2	2	2
200,000 UG/KG	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

NONE

Nervous System

NONE

**Respiratory System** 

NONE

Special Senses System

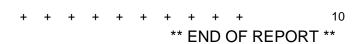
NONE

**Urinary System** 

NONE

SYSTEMIC LESIONS

Multiple Organ



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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue