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		2 / 8	$\frac{2}{8}$	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	*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

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												
 *Total animals with tissue exam +Tissue examined microscopica 		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 le 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 General Body System		+ + +	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 ⁻	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			
 *Total animals with tissue examined microscopi +Tissue examined microscopically XLesion present 	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 ale 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 General Body System		+ + +	+ + +	+ + +	+ + +	+ + +	+ + +	+ + +	+ + +	+ + +	+ + +	10 10 10
NONE Genital System												
Ovary Uterus Hematopoietic System		+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	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

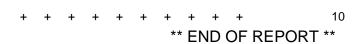
NONE

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