Test Type: 14-DAY **Route:** GAVAGE

Species/Strain: Rat/LONG-EVANS

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:52

First Dose M/F: NA / NA

Lab: BAT

C Number: C96013

Lock Date: Not Entered.

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

Test Compound: Melatonin

Route: GAVAGE CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

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

*TOTALS

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:52

First Dose M/F: NA / NA

Lab: BAT

Alimentary System

Test Type: 14-DAY

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

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: GAVAGE

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Rat/LONG-EVANS

DAY ON TEST 0 0 0 0 0 0 0 0 0 **LONG-EVANS Rat Male** 2 8 2 8 2 8 2 8 **2 8 2 8 2 8** 0 UG/KG 0 0 0 0 0 ANIMAL ID Õ 0 0 0

0 0 0 0 0 2 8 **2 8** *2* 8 0 0 0 0 0 2 0 0 0 0 5 0 0 0 0 8 0 0 0 1 0 0 0 0 0 0 0 3 0 6 0 9 Ō 0 7 1 0

*TOTALS

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 10

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Compound: Melatonin

CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

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 5 UG/KG	0 2 8										
ANIMAL ID	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
	1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0	*TOTALS

Alimentary System

Test Type: 14-DAY

Route: GAVAGE

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

I .. Insufficient tissue

A ..Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

M ..Missing tissue

Test Compound: Melatonin

CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

DA	Y ON TEST	0	0	0	0	0	0	0	0	0	0	l
LONG-EVANS Rat Male		<i>0</i> 2	<i>0</i> 2	0 2	0 2	0 2	0 2	<i>0</i> 2	<i>0</i> 2	<i>0</i> 2	0 2	l
5 UG/KG		8	8	8	8	8	8	8	8	8	8	l
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	l
	ANIIVIAL ID	U	0	0	0	0	0	0	0	0	0	Ì
		0	0	0	0	0	0	0	0	0	0	Ì
		1	1	1	1	1	1	1	1	1	2	****
		1	2	3	4	5	6	7	8	9	0	<u>"IOTALS</u>

Respiratory System

Test Type: 14-DAY

Route: GAVAGE

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 1

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Compound: Melatonin

Route: GAVAGE CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 **LONG-EVANS Rat Male**

ANIMAL ID

2 8 2 8 2 8 **2 8 2 8 2 8 2 8 2 8 2 8 2 8** 0 0 0 0 0 0 0 0 0 0 2 2 0 0 0 2 8 0 Ō 0 0 0 0 2 5 0 0 0 0 2 1 0 2 9 0 0 0 0 0 2 2 2 6 2 3

*TOTALS

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

Alimentary System

Test Type: 14-DAY

NONE

50 UG/KG

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

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Compound: Melatonin

CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

Time Report Requested: 08:33:53

Date Report Requested: 10/23/2014

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
	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
ANIWALID	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

Respiratory System

Test Type: 14-DAY

Route: GAVAGE

NONE

Special Senses System

NONE

Urinary System

Kidney

SYSTEMIC LESIONS

2 Multiple Organ

I .. Insufficient tissue

M .. Missing tissue

1

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Compound: Melatonin

Route: GAVAGE CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

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 5000 UG/KG	0 2 8										
ANIMAL IC	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
	3	3 2	3	3 4	3 5	3 6	3 7	3 8	3 9	4 0	*TOTALS

Alimentary System

Test Type: 14-DAY

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

I .. Insufficient tissue

A ..Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

M ..Missing tissue

Test Compound: Melatonin

*TOTALS

Test Type: 14-DAY Route: GAVAGE **CAS Number:** 73-31-4

Species/Strain: Rat/LONG-EVANS

Time Report Requested: 08:33:53 First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
LONG-EVANS Rat Male 5000 UG/KG	0 2 8	$\begin{bmatrix} 0\\2\\8 \end{bmatrix}$	$\begin{bmatrix} 0\\2\\8 \end{bmatrix}$	$\begin{bmatrix} 0\\2\\8 \end{bmatrix}$	2 8	$\begin{bmatrix} 0\\2\\8 \end{bmatrix}$	$\begin{bmatrix} 0\\2\\8 \end{bmatrix}$	$\begin{bmatrix} 0\\2\\8 \end{bmatrix}$	0 2 8	0 2 8	
ANIMAL ID	0	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 4	
	1	2	3	4	5	6	7	8	9	0	

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 1

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) **Experiment Number: 96013-02** Test Type: 14-DAY

Test Compound: Melatonin

CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

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	LONG-EVANS Rat Male 50,000 UG/KG ANIMAL ID 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0													
50,000 UG/KG 2 2 2 2 2 2 2 2 2	50,000 UG/KG ANIMAL ID ANIMAL I		DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
50,000 UG/KG 2 2 2 2 2 2 2 2 2	50,000 UG/KG ANIMAL ID BANIMAL ID ANIMAL ID BANIMAL I	LONG-EVANS Rat Male	9	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID 0 0 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			8	8	8	8	8	8	8	8	8		
ANIWAL ID 0 0 0 0 0 0 0 0 0 0 0 0		30,000 00/10		0	0	0	0	0	0	0	0	0	0	
			AMIMAL ID	0	0	0	0	0	0	0	0	0	0	
4 4 4 4 4 4 4 4 4 5				1	2	3	4	5	6	7	8	9	0	^ I O

Alimentary System

Route: GAVAGE

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

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Compound: Melatonin

CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

Lab: BAT

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

DA	AY ON TEST	0	0	0	0	0	0	0	0	0	0	
LONG-EVANS Rat Male		0 2	0 2	0 2	2	2	2	2	2	2	2	
50,000 UG/KG	ANIMAL ID	0 0 0 4	0 0 0 4	0 0 0 4	0 0 0 4	0 0 0 4	0 0 0 0 4	0 0 0 0 4	0 0 0 0 4	0 0 0 0 4	0 0 0 5	
		1	2	3	4	5	6	7	R	9	0	· *IOTALS

Respiratory System

Test Type: 14-DAY

Route: GAVAGE

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + 2

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Compound: Melatonin

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

Species/Strain: Rat/LONG-EVANS

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

S

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

Alimentary System

Test Type: 14-DAY

NONE

Cardiovascular System

NONE

Endocrine System

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

General Body System

NONE

Genital System

+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
	+		+ + + + + + + + + +	+ + + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + + +

Integumentary System

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Species/Strain: Rat/LONG-EVANS

Test Type: 14-DAY

First Dose M/F: NA / NA

Lab: BAT

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:53

DAY ON TEST **LONG-EVANS Rat Male** 200,000 UG/KG ANIMAL ID

0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 8 2 8 **2 8 2 8 2 8 2 8 2 8 2 8 2 8 2 8** 0 0 0 0 0 0 0 0 0 0 5 2 0 0 0 5 8 0 Ō 0 0 0 0 5 5 0 0 0 0 5 9 0 5 1 0 5 0 5 6 0 0 0 5 3 5 7 6

*TOTALS

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

END OF MALE DATA

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

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	
0 UG/KG	8	8	8	8	8	8	8	8	8	8	
ANIMAL ID		0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	8 1	8 2	8	8 4	8 5	8 6	8 7	8 8	8	9	*TOTALS

Alimentary System

Test Type: 14-DAY

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											

Integumentary System

NONE

Thymus

Musculoskeletal System

I .. Insufficient tissue

M ..Missing tissue

10

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY Route: GAVAGE

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

8

8 9

8 8 Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Rat/LONG-EVANS

DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 **LONG-EVANS Rat Female** 2 8 2 8 2 8 2 8 2 8 2 8 **2 8 2 8 2 8** *2* 8 0 0 0 1 0 0 0 0 0 0 0 0 1 8 5 0 ANIMAL ID Õ Õ 0 0 0 1 1 1 1 1 1 1 1

8 8

8 1 8

*TOTALS

NONE

0 UG/KG

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 10

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Compound: Melatonin

Species/Strain: Rat/LONG-EVANS

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53 **CAS Number:** 73-31-4 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	8	8	8	8	8	8	8	8	8	8															
ANIMAL ID	0	0	0	0	0	0	0	0	0	0															
ANIMALID	0	0	0	0	0	0	0	0	0	0															
	9	9	9	9	9	9	9	9	9	0															
	1	2	3	4	5	6	7	8	9	0	7	•	TO	TOTA	TOTAL	TOTAL	TOTAL	TOTALS							

Alimentary System

Test Type: 14-DAY

Route: GAVAGE

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

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Compound: Melatonin

Route: GAVAGE CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

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

Respiratory System

Test Type: 14-DAY

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + 1

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

LONG-EVANS Rat Female 50 UG/KG

Experiment Number: 96013-02

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

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

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

M ..Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Rat/LONG-EVANS

DAY ON TEST

LONG-EVANS Rat Female 5000 UG/KG

Experiment Number: 96013-02

Test Type: 14-DAY

Route: GAVAGE

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

X .. Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

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

Species/Strain: Rat/LONG-EVANS

DAY ON TEST

LONG-EVANS Rat Female 5000 UG/KG

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 14-DAY

Route: GAVAGE

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 73-31-4

Species/Strain: Rat/LONG-EVANS

Date Report Requested: 10/23/2014 Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

LONG-EVANS Rat Female 50,000 UG/KG

Experiment Number: 96013-02

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

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

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

Species/Strain: Rat/LONG-EVANS

DAY ON TEST

LONG-EVANS Rat Female 50,000 UG/KG

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 14-DAY

Route: GAVAGE

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

M ..Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Compound: Melatonin

CAS Number: 73-31-4

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:53

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Rat/LONG-EVANS

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

*TOTALS

Alimentary System

Test Type: 14-DAY

Route: GAVAGE

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											

Integumentary System

NONE

Thymus

Musculoskeletal System

I .. Insufficient tissue

M .. Missing tissue

10

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

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

Species/Strain: Rat/LONG-EVANS

First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/23/2014

Time Report Requested: 08:33:53

DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 **LONG-EVANS Rat Female** 2 8 2 8 2 8 2 8 2 8 **2 8 2 8 2 8 2 8** 200,000 UG/KG 0 0 0 0 0 ANIMAL ID Ö Õ 0

0 *2* 8 0 0 2 3 2 0 0 2 3 5 0 0 2 3 8 0 0 2 3 9 0 0 0 2 3 7 2 3 1 2 2 3 6 2 3 3 2 4 0

*TOTALS

NONE

Nervous System

Test Type: 14-DAY

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 10

** END OF REPORT **

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically