Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014 Time Report Requested: 08:31:12

First Dose M/F: NA / NA

Lab: BAT

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

C96013 C Number:

Not Entered. **Lock Date:** 

**Cage Range:** ΑII

**Date Range:** ΑII

**Reasons For Removal:** ΑII

**Removal Date Range:** ΑII

**Treatment Groups:** ΑII

**Study Gender:** Both

**PWG Approval Date NONE** 

P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Compound: Melatonin

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

\*TOTALS

Date Report Requested: 10/23/2014 Time Report Requested: 08:31:12

First Dose M/F: NA / NA

Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N

F 344/N Rat Male 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
VVIIVAVI ID	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	1
	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**

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

**Integumentary System** 

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

Route: GAVAGE Species/Strain: Rat/F 344/N

Test Type: 14-DAY

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

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:12

Lab: BAT

F 344/N Rat Male 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
V V I I V V V V V V V V V V V V V V V V	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	1
	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

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

5 UG/KG

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

F 344/N Rat Male

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
V VIII VVI ID	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
	1	1	1	1	1	1	1	1	1	2
	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** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Date Report Requested: 10/23/2014 Time Report Requested: 08:31:12 First Dose M/F: NA / NA

Lab: BAT

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

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

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

Species/Strain: Rat/F 344/N

F 344/N Rat Male

Lab: BAT

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:12

First Dose M/F: NA / NA

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	
VVIIVAVI ID	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	
	1	1	1	1	1	1	1	1	1	2	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

**Respiratory System** 

NONE

5 UG/KG

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ + 1

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

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

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:31:12

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

F 344/N Rat Male 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

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

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

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:31:12

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

F 344/N Rat Male 50 UG/KG

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Compound: Melatonin

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

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:12

First Dose M/F: NA / NA

Lab: BAT

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Rat/F 344/N

F 344/	N 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
AMIMAL ID	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

**Alimentary System** 

Liver 3

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

Seminal Vesicle 1

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

Route: GAVAGE Species/Strain: Rat/F 344/N

Test Type: 14-DAY

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

Lab: BAT

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:12

First Dose M/F: NA / NA

F	344/N	Rat	Male
50	nnn I	IC/k	(G

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
4 K II M 4 A I . I D	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
	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

3

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:31:12

First Dose M/F: NA / NA

Lab: BAT

Test Type: 14-DAY

**Route:** GAVAGE

Species/Strain: Rat/F 344/N

F 344/N Rat Male 50,000 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
V VIII V V I I I	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
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

**Alimentary System** 

Liver + + 2

**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

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

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

Lab: BAT

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:12

First Dose M/F: NA / NA

F 344/N	l Rat	Male
50,000	UG/I	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
AMIMAL ID	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	4	5
	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 2

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:31:12

First Dose M/F: NA / NA

Lab: BAT

Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

F 344/N 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	0
	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8
V VIIIVAVI ID	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
	5	5	5	5	5	5	5	5	5	6
	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** 

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

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

Time Report Requested: 08:31:12

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

F 344/N 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	0
	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8
V VIIIVIVI ID	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
	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

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

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:13

First Dose M/F: NA / NA

Lab: BAT

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

0 0 0

2 8 2 8

Route: GAVAGE Species/Strain: Rat/F 344/N

Test Type: 14-DAY

	DAY ON TEST	0	0	0	0	0	0
F 344/N Rat Female		0	0	0	0	0	0
0 UG/KG		8	8	8	8	8	8
0 00/10	ANIMAL ID	0	0	0	0	0	0
	AMINAL ID	0	0	0	0	0	0
		1	1	1	1	1	1
		0	١٨	۱ ۵	۱ ۵ ا		

U UU/NU		0										
	ANIMAL ID	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	0 0 1 8 4	0 0 1 8 5	0 0 1 8 6	0 0 1 8 7	0 0 1 8 8	0 0 1 8 9	0 0 1 9 0	*TOTALS
Alimentary System		•										1017120
Liver		+		+								2
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												

**Musculoskeletal System** 

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

Species/Strain: Rat/F 344/N

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

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

Lab: BAT

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:13

First Dose M/F: NA / NA

F	344/N	Rat	Female
0	UG/K	3	

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
V VIII V V I I I	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	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

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Compound: Melatonin

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

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:13 First Dose M/F: NA / NA

Lab: BAT

Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N

	DAY ON TEST	0	0	0	0
F 344/N Rat Female		0	0	0 2 8	0
r 344/N Kat remaie		2	2	2	2
5 UG/KG		8	8	8	8
	ANIMAL ID	0	0	0	0
	ANIIVIAL ID	Λ	Λ	lΛ	lΛ

AY 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
V V     V V   V V V V V V V V V V V V V	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	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** 

Liver 2

**Cardiovascular System** 

NONE

**Endocrine System** 

**Adrenal Cortex** Adrenal Medulla 1

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

Species/Strain: Rat/F 344/N

Test Type: 14-DAY Route: GAVAGE

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

Lab: BAT

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:13

First Dose M/F: NA / NA

DA١

F 344/N Rat Female

Y 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
V VIIIVAVI ID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	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

NONE

5 UG/KG

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

2 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Compound: Melatonin

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

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:13

First Dose M/F: NA / NA

Lab: BAT

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Rat/F 344/N

F 344/N Rat Female **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
ANUMANI	8	8	8	8	8	8	8	8	8	8
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

**Alimentary System** 

Liver 2

**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

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

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

Time Report Requested: 08:31:13 First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Lab: BAT

F 344/N Rat Female **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
	8	8	8	8	8	8	8	8	8	8
V VIII VVI ID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

2 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:31:13

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# F 344/N 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

I ..Insufficient tissue

M ..Missing tissueA ..Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

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

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:31:13

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

F 344/N Rat Female 5000 UG/KG

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

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

F 344/N	Rat	Female
50,000	UG/I	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
ANUMAL ID	8	8	8	8	8	8	8	8	8	8
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	2	2	2	2	3
	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** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Date Report Requested: 10/23/2014 Time Report Requested: 08:31:13 First Dose M/F: NA / NA

Lab: BAT

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

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

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:13

Lab: BAT

F 344/N Rat Female 50,000 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
V VIIIVIVI ID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	2	2	2	2	3
	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 +

X ..Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:13

First Dose M/F: NA / NA

Lab: BAT

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

0

0 0

2 8 **2 8** 

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

	DAY ON TEST	0	0	0	0	0	0	0
F 344/N Rat Female		0	0	0	0	0	0	0
200,000 UG/KG		8	8	8	8	8	8	8
200,000 00/110	ANIMAL ID	0	0	0	0	0	0	0
	/ (LVIIVI) (L ID		0	0	0	0	0	0
		2	2	2	2	2	2	2
		3	3	3	3	3	3	3

	ANIMAL ID	0 2	0 2	0 2 3	0 2	0 2	0 2	0 2	0 2	0 2	0 2	
		2 3 1	3 2	3	2 3 4	3 5	3 6	3 7	3 8	3 9	2 4 0	*TOTALS
Alimentary System		•		•	•	•	•	•	•	•		
Liver		+				+				+		3
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** 

**Musculoskeletal System** 

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Melatonin

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 73-31-4

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:31:13

Lab: BAT

F 344/N 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
V VIIIVAVI ID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	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

\*\* END OF REPORT \*\*

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically