Experiment Number: 96013-01 Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N

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: 08:30:55 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: 08:30:55 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 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	
	ANIMAL ID	0 0 0 1	0 0 0 2	0 0 0 3	0 0 0 4	0 0 0 5	0 0 0 0 6	0 0 0 7	0 0 0 8	0 0 0 9	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 Hematopoietic System		+	+	+	+	+	+	+	+	+	+	10
Thymus Integumentary System		+	+	+	+	+	+	+	+	+	+	10

- I I

* ..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: 08:30:55 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

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

NONE

0 UG/KG

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: 08:30:55 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	DAY ON TEST	0 0 2	$\begin{array}{c} 0\\ 0\\ 2\\ \end{array}$	0 0 2	0 0 2	0 0 2 8	$\begin{array}{c} 0\\ 0\\ 2\\ \end{array}$	0 0 2	0 0 2	$\begin{array}{c} 0\\ 0\\ 2\\ \end{array}$	0 0 2	
5 UG/KG	ANIMAL ID	8 0 0 1 1	8 0 0 0 1 2	8 0 0 1 3	8 0 0 1 4	8 0 0 1 5	8 0 0 0 1 6	8 0 0 1 7	8 0 0 0 1 8	8 0 0 0 1 9	8 0 0 2 0	*TOTALS
Alimentary System		-		-		-				-		
Liver Cardiovascular System				+								1
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 exan	nined microscopically; ⁻	Total	anim	als w	ith tu	mor						MMissing ti

+ ..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: 08:30:55 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		02	0 0 2 8									
5 UG/KG	ANIMAL ID	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	*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

1

Experiment Number: 96013-0 Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N	1	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: 08:30:55 First Dose M/F: NA / NA Lab: BAT
F 344/N Rat Male 50 UG/KG	DAY ON TEST 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

Experiment Number: 96013-0 Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N	1	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: 08:30:55 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	

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 14-DAY

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

CAS Number: 73-31-4

3

1

Date Report Requested: 10/23/2014 Time Report Requested: 08:30:55 First Dose M/F: NA / NA Lab: BAT

Route: GAVAGE Species/Strain: Rat/F 344/N DAY ON TEST 0 F 344/N Rat Male 2 8 2 8 2 8 2 8 2 8 2 8 2 8 2 8 2 8 2 8 UG/KG 5000 0 0 0 0 0 0 0 0 0 0 0 3 2 0 0 0 3 8 0 ANIMAL ID Ō 0 0 0 0 3 5 0 0 0 0 3 1 0 3 9 0 3 0 0 0 0 3 3 3 6 3 7 4 0 ***TOTALS** 4 **Alimentary System** Liver + + + Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** Seminal Vesicle + 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

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: 08:30:55 First Dose M/F: NA / NA Lab: BAT

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

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE SYSTEMIC LESIONS

Multiple Organ	+	+ +		3
----------------	---	-----	--	---

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Melatonin

CAS Number: 73-31-4

2

Date Report Requested: 10/23/2014 Time Report Requested: 08:30:55 First Dose M/F: NA / NA Lab: BAT

Route: GAVAGE Species/Strain: Rat/F 344/N DAY ON TEST 0 F 344/N Rat Male 2 8 2 8 2 8 2 8 2 8 2 8 2 8 2 8 2 8 2 8 50,000 UG/KG 0 0 0 0 0 0 0 0 0 0 0 0 4 2 0 ANIMAL ID 0 0 Ō 0 0 0 0 0 0 4 8 0 0 0 4 1 0 0 0 0 0 4 5 4 9 4 3 4 4 6 4 7 5 0 ***TOTALS** 4 **Alimentary System** Liver + + 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

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: 08:30:55 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	2 2	0 0 2 8								
50,000 00/KG	ANIMAL ID 0 0 4) 0) 0) 0	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5	0 0 0 4 6	0 0 0 4 7	0 0 0 4 8	0 0 0 4 9	0 0 0 5 0	*TOTAL

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE SYSTEMIC LESIONS

Multiple Organ 2 + +

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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: 08:30:55 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 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		+	+	+	+	+	+	+	+	+	+	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: 08:30:55 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 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 0 0 5 2 0 0 0 5 8 0 ANIMAL ID Õ 0 0 0 5 5 0 0 0 0 5 9 0 5 0 5 6 0 5 1 0 0 0 5 3 5 7 6 0 ***TOTALS** 4

+ +

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

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Rat/F 344/N

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: 08:30:55 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Female 0 UG/KG	DAY ON TEST ANIMAL ID	0 2 8 0 0 1 8	0 0 2 8 0 0 1 8	0 0 2 8 0 0 1 8	0 0 2 8 0 0 1 8	0 0 2 8 0 0 1 8	0 0 2 8 0 0 1 8	0 2 8 0 0 1 8 7	0 0 2 8 0 0 1 8	0 0 2 8 0 0 1 8	0 0 2 8 0 0 1 9	*TOTAL O
Alimentary System		1	2	3	4	5	6	7	8	9	0	*TOTALS
Liver Cardiovascular System		+		+								2
NONE Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland General Body System		+	+	+	+	+	+	+	+	+	+	10
NONE Genital System												
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
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

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

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: 08:30:55 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Female 0 UG/KG	DAY ON TEST	0 0 2 8										
	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	*TOTAL

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: 08:30:55 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 5 UG/KG	DAY ON TEST ANIMAL ID	0 0 2 8 0 0 1 9 1	0 0 2 8 0 0 0 1 9 2	0 0 2 8 0 0 0 1 9 3	0 0 2 8 0 0 0 1 9 4	0 0 2 8 0 0 0 1 9 5	0 0 2 8 0 0 1 9 6	0 0 2 8 0 0 0 1 9 7	0 0 2 8 0 0 0 1 9 8	0 0 2 8 0 0 0 1 9 9	0 0 2 8 0 0 2 0 0 0	*TOTALS
Alimentary System												
Liver Cardiovascular System					+				+			2
NONE Endocrine System												
Adrenal Cortex Adrenal Medulla General Body System									+ +			1 1
NONE Genital System												
NONE Hematopoietic System												
NONE Integumentary System												
NONE Musculoskeletal System												
NONE Nervous 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: 08:30:56 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 5 UG/KG	DAY ON TEST	0 0 2 8										
JUGING	ANIMAL ID	0 0 1 9 1	0 0 1 9 2	0 0 1 9 3	0 0 1 9 4	0 0 1 9 5	0 0 1 9 6	0 0 1 9 7	0 0 1 9 8	0 0 1 9 9	0 0 2 0 0	*TOTALS

+

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

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: 08:30:56 First Dose M/F: NA / NA Lab: BAT

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

Route: GAVAGE Species/Strain: Rat/F 344/N										CA	45 N	umber: 73-31-4
F 344/N Rat Female	DAY ON TEST	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
50 UG/KG	ANIMAL ID	2 8 0 2 0 1	2 8 0 2 0 2 0 2	2 8 0 2 0 3	2 8 0 2 0 4	2 8 0 2 0 5	2 8 0 2 0 6	2 8 0 2 0 7	2 8 0 2 0 8	2 8 0 2 0 9	2 8 0 2 1 0	*TOTALS
Alimentary System												
Liver Cardiovascular System		+			+							2
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 exam	ined microscopically;	Total	anim	ials w	vith tu	imor						MMissing
.												

+ ..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: 08:30:56 First Dose M/F: NA / NA Lab: BAT

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

Test Type: 14-DAY

F 344/N Rat Female	DAY ON TEST	0 0 2 8										
50 UG/KG	ANIMAL ID	0 0 2										
		0 1	0 2	0 3	0 4	0 5	0 6	0 7	0 8	0 9	1 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

2

Experiment Number: 96013-0 Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N	1	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: 08:30:56 First Dose M/F: NA / NA Lab: BAT
F 344/N Rat Female 5000 UG/KG	DAY ON TEST 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			

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 96013-0 Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N	11	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: 08:30:56 First Dose M/F: NA / NA Lab: BAT
F 344/N Rat Female 5000 UG/KG	DAY ON TEST		
	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

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

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: 08:30:56 First Dose M/F: NA / NA Lab: BAT

			·			· · · ·		· · · ·	ı —	·		
F 344/N Rat Female 50,000 UG/KG	DAY ON TEST	0 0 2 8										
30,000 00/10	ANIMAL ID	0 0 2 2 1	0 0 2 2 2	0 0 2 2 3	0 0 2 2 4	0 0 2 2 5	0 0 2 2 6	0 0 2 2 7	0 0 2 2 8	0 0 2 2 9	0 0 2 3 0	*TOTALS
Alimentary System												
Liver Cardiovascular System				+								1
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 exam	nined microscopically;	Total	anim	als w	vith tu	imor						MMissing

+ .. 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: 08:30:56 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	DAY ON TEST 0 0 2 8	$\begin{array}{c c} 0\\ 0\\ 2\end{array}$	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	
50,000 UG/KG	ANIMAL ID 0 2 2	0 0 0 0 2 2	0 0 2 2 3	0 0 2 2 4	0 0 2 5	0 0 2 2 6	0 0 2 2 7	0 0 2 2 8	0 0 2 2 9	0 0 2 3 0	*TOT

+

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

1

Test Type: 14-DAY

Route: GAVAGE

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: 08:30:56 First Dose M/F: NA / NA Lab: BAT

Species/Strain: Rat/F 344/N										0,		10-01-4
F 344/N Rat Female 200,000 UG/KG	DAY ON TEST	0 0 2 8										
	ANIMAL ID	0 0 2 3 1	0 0 2 3 2	0 0 2 3 3	0 0 2 3 4	0 0 2 3 5	0 0 2 3 6	0 0 2 3 7	0 0 2 3 8	0 0 2 3 9	0 0 2 4 0	*TOTALS
Alimentary System												
Liver Cardiovascular System		+				+				+		3
NONE Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	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: 08:30:56 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	0	0	0	0	0	0	
F 344/N 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	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		3	2	2	2	2	2	2	2	2	2	
		1	2	3	4	5	6	7	8	9	4	*TOTA

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

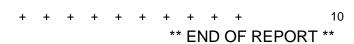
NONE

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