Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Black Cohosh CAS Number: 84776-26-1 Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

3 Month SSAC Mice_Final 1

NTP Study Number:	C00058B
Lock Date:	10/02/2018
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	09-Jul-2012 - 09-Jul-2012
Treatment Groups:	Include ALL
Study Gender:	Female
TDMSE Version:	3.0.2.3_002
PWG Approval Date:	NONE

I .. Insufficient tissue

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Black Cohosh CAS Number: 84776-26-1

Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

2) Mild

4) Marked

DAY ON T B6C3F1/N MICE FEMALE	TEST 0 9 2	0	0 0 9 2										
0 mg/kg ANIM/	AL ID 0 0 0 1	0 0 0 2	0 0 0 2 8	0 0 0 3 5	0 0 0 3 7	0 0 0 4 0	0 0 0 4 9	0 0 0 5 2	0 0 0 5 4	0 0 0 5 7			* TOTALS
ALIMENTARY SYSTEM		·						•					
NONE													
CARDIOVASCULAR SYSTEM													
NONE													
ENDOCRINE SYSTEM				-			·						
NONE													
GENERAL BODY SYSTEM													
NONE													
GENITAL SYSTEM													
NONE				_									
HEMATOPOIETIC SYSTEM										-			
Bone Marrow	+	+	+	+	+	+	+	+	+	+			10
Spleen	+	+	+	+	+	+	+	+	+	+			10
INTEGUMENTARY SYSTEM													
NONE													
MUSCULOSKELETAL SYSTEM													
* Total animals with tissue examined microscop + Tissue examined microscopically X Lesion present	oically; Total	l anima	als wi		ΜΙ	Missir Autoly		sue	-		ion	1-4 Lesion qualified as 1) Minimal 3) M	

BLANK .. Not examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Black Cohosh CAS Number: 84776-26-1

Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

DAY ON TEST B6C3F1/N MICE FEMALE	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	
0 mg/kg ANIMAL ID	0 0 0 0 1	0 0 2 2	0 0 2 8	0 0 3 5	0 0 0 3 7	0 0 0 4 0	0 0 0 4 9	0 0 0 5 2	0 0 0 5 4	0 0 0 5 7	* TOTALS
Bone	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM							-		-		
NONE						_					
RESPIRATORY SYSTEM											
NONE											

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

 * .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Black Cohosh CAS Number: 84776-26-1

Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

DAY ON T B6C3F1/N MICE FEMALE	EST 0 9 2	0	0 0 9	0 0 9 2	0 0 9	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9			
		-	9 2		9 2					2			
30 mg/kg ANIMA	L ID 0 7	0	0 0 0	0 0 1 0	0 0 1 0	0 0 1 1	0 0 1 1	0 0 1	001	0 0 1 3			
	8	9 6	9 7	1	5	0	3	9	3 2	5			* TOTALS
ALIMENTARY SYSTEM													
NONE													
CARDIOVASCULAR SYSTEM		-											
NONE													
ENDOCRINE SYSTEM			-										
NONE													
GENERAL BODY SYSTEM		-				-							
NONE								-					
GENITAL SYSTEM													
NONE													
HEMATOPOIETIC SYSTEM													
Bone Marrow	+	+	+	+	+	+	+	+	+	+			10
Spleen	+	+	+	+	+	+	+	+	+	+			10
INTEGUMENTARY SYSTEM													
NONE													
MUSCULOSKELETAL SYSTEM													
* Total animals with tissue examined microscop + Tissue examined microscopically	cally; Total	anima	als wi	th lesi	on an M				y gra	de	4	-4 Lesion qualified as:	
 A straight of the straight of the						Autol			udes	evalı	I	1) Minimal 3) Moder	ate

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Black Cohosh CAS Number: 84776-26-1

Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

NERVOUS SYSTEM		-									
Bone	+	+	+	+	+	+	+	+	+	+	10
~	NIMAL ID 0 7 8	0 9 6	0 9 7	1 0 1	1 0 5	1 1 0	1 1 3	1 1 9	1 3 2	1 3 5	* TOTALS
30 mg/kg		0	0 0 0	0 0	0 0	0 0	0 0	0 0	00	0 0	
DAY B6C3F1/N MICE FEMALE	ON TEST 0 9 2	0 0 9 2									

NONE

URINARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Black Cohosh CAS Number: 84776-26-1

Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

2) Mild

4) Marked

DAY B6C3F1/N MICE FEMALE	ONTEST	0 0 9 2												
100 mg/kg	NIMAL ID	0 0 1 4 2	0 0 1 5 0	0 0 1 5 1	0 0 1 5 6	0 0 1 6 5	0 0 1 6 8	0 0 1 7 3	0 0 1 7 8	0 0 1 8 6	0 0 1 9 2			* TOTALS
ALIMENTARY SYSTEM			·						•					
NONE														
CARDIOVASCULAR SYSTEM	Λ										•			
NONE														
ENDOCRINE SYSTEM														
NONE														
GENERAL BODY SYSTEM														
NONE														
GENITAL SYSTEM														
NONE														
HEMATOPOIETIC SYSTEM														
Bone Marrow		+	+	+	+	+	+	+	+	+	+			10
Spleen		+	+	+	+	+	+	+	+	+	+			10
INTEGUMENTARY SYSTEM														
NONE														
MUSCULOSKELETAL SYSTE	EM													
* Total animals with tissue examined micr + Tissue examined microscopically X Lesion present	roscopically; To	ital ai	nimal			on and MN AA	Missir	ng tis	sue	-		tion	1-4 Lesion qualified a 1) Minimal 3) №	

I .. Insufficient tissue

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BLANK .. Not examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Black Cohosh CAS Number: 84776-26-1

Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

NONE											
RESPIRATORY SYSTEM											
NONE											
NERVOUS SYSTEM											
Bone	+	+	+	+	+	+	+	+	+	+	 10
	4	5 0	5 1	5 6	6 5	6 8	7 3	7 8	8 6	9 2	 * TOTAL
100 mg/kg ANIMA	. ID 0	001	001	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	001	
DAY ON T B6C3F1/N MICE FEMALE	ST 0 9 2	0 0 9 2									

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Black Cohosh CAS Number: 84776-26-1

Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

DAY ON T B6C3F1/N MICE FEMALE	EST 0 9 2) 0	09	9	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	
300 mg/kg ANIMA	AL ID 2 1 5	0 0 2 2	0 2 2	2	0 0 2 3 6	0 0 2 4 0	0 0 2 5 9	0 0 2 6 2	0 0 2 6 5	0 0 2 7 8	* TOTALS
ALIMENTARY SYSTEM	I							•		•	
NONE											
CARDIOVASCULAR SYSTEM											
NONE											
ENDOCRINE SYSTEM							-		-		
NONE											
GENERAL BODY SYSTEM											
NONE							-				
GENITAL SYSTEM											
NONE				-							
HEMATOPOIETIC SYSTEM							-				
Bone Marrow	+	- +	+	+	+	+	+	+	+	+	10
Spleen	+	- +	+	+	+	+	+	+	+	+	10
INTEGUMENTARY SYSTEM											
NONE											
MUSCULOSKELETAL SYSTEM											
* Total animals with tissue examined microscop	oically; Tota	l anim	als w	ith lesi					y gra	de	
+ Tissue examined microscopically						Missi	•	ssue	Idae	مرياديرم	1-4 Lesion qualified as:

I .. Insufficient tissue

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Black Cohosh CAS Number: 84776-26-1

Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

DAY ON TEST B6C3F1/N MICE FEMALE	0 0 9 2											
300 mg/kg ANIMAL ID	0 0 2 1 5	0 0 2 1 6	0 0 2 2 9	0 0 2 3 5	0 0 2 3 6	0 0 2 4 0	0 0 2 5 9	0 0 2 6 2	0 0 2 6 5	0 0 2 7 8		* TOTALS
Bone	+	+	+	+	+	+	+	+	+	+		10
NERVOUS SYSTEM												
NONE												

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

 * .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

DAY ON T B6C3F1/N MICE FEMALE	EST 0 9 2	0 0 9 2	0 0 9									
1000 mg/kg	2		2	2	2 0	2	2	2	2	2	 	_
ANIMA		0	0 2 9 6		0 3 2 0	0 3 2 2	0 3 3 2	0 3 3 9	0 3 4 4	0 3 4 8		* TOTALS
ALIMENTARY SYSTEM				I		•			•	•		
NONE												
CARDIOVASCULAR SYSTEM												
NONE											 	
ENDOCRINE SYSTEM												
NONE												
GENERAL BODY SYSTEM			-									
NONE						-	-					
GENITAL SYSTEM												
NONE						-	-		-			
HEMATOPOIETIC SYSTEM												
Bone Marrow	+	+	+	+	+	+	+	+	+	+		10
Spleen	+	+	+	+	+	+	+	+	+	+		10
INTEGUMENTARY SYSTEM												
NONE												
MUSCULOSKELETAL SYSTEM												
* Total animals with tissue examined microscop	ically; Tota	l anima	als wi	ith lesi					y gra	de	1.4 Lopion qualified as:	
+ Tissue examined microscopically X Lesion present						Miss Auto	ing us lysis		udes	evalu	1-4 Lesion qualified as: 1) Minimal 3) Mo	derate

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Black Cohosh CAS Number: 84776-26-1

Date Report Requested: 12/10/2020 Time Report Requested: 12:20:04 First Dose M/F: NA / 04/09/12 Lab: BAT

DAY ON TES		0	0	0	0	0	0	0	0	0	
B6C3F1/N MICE FEMALE	9 2	9 2	9 2	9 2	9 2	9 2	9 2	9 2	9 2	9 2	
1000 mg/kg ANIMAL II	8	0 0 2 9	0 0 2 9	0 0 3 1	0 0 3 2 0	0 0 3 2 2	0 0 3 3	0 0 3 3	0 0 3 4	0 0 3 4	
	6	0	6	2	0	2	2	9	4	8	* TOTALS
Bone	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM											
NONE						_	_	-			
RESPIRATORY SYSTEM					-				_		
NONE											
SPECIAL SENSES SYSTEM											
NONE											
URINARY SYSTEM				-		-					
NONE											

*** END OF REPORT ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically