Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Date Report Requested: 12/03/2020

Lab: NCTR

NTP Study Number: C20609

Lock Date: 07/01/2013

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 3.0.2.3_002

PWG Approval Date: NONE

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 9 5	0 0 9 5	0 0 9 5								
Control 0 ppm ANIMAL ID	0 0 0 2 1	0 0 0 2 2	0 0 0 4 5	0 0 0 4 6	0 0 0 6 5	0 0 0 6 6	0 0 0 8 9	0 0 0 9 0	00097	0 0 0 9 8	
ALIMENTARY SYSTEM											
Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	- 10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

C57BL/6N XC3H/HEN MT MICE MALE	DAY ON TEST V-NCTR	0 0 9 5	0 0 9 5									
Control 0 ppm	ANIMAL ID	0 0 0 2 1	0 0 0 2 2	0 0 0 4 5	0 0 0 4 6	0 0 0 6 5	0 0 0 6 6	0 0 0 8 9	0 0 0 9 0	0 0 0 9 7	0 0 0 9 8	* TOTALS
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
GENERAL BODY SYSTE	νI		_									
NONE					_	_						
GENITAL SYSTEM												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Preputial Gland		+	+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	+	10

^{* ..} 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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

DAY C57BL/6N XC3H/HEN MTV-N MICE MALE	ON TEST	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5							
Control 0 ppm	ANIMAL ID	0 0 0 2 1	0 0 0 2 2	0 0 0 4 5	0 0 0 4 6	0 0 0 6 5	0 0 0 6 6	0 0 0 8 9	0 0 0 9 0	0 0 0 9 7	0 0 0 9 8	* TC
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	
Testes		+	+	+	+	+	+	+	+	+	+	
HEMATOPOIETIC SYSTEM												
Bone Marrow		+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	
Spleen		+	+	+	+	+	+	+	+	+	+	
Thymus		+	+	+	+	+	+	+	+	+	+	•
NTEGUMENTARY SYSTEM												
Mammary Gland		М	М	М	М	М	M	М	М	M	М	
Skin		+	+	+	+	+	+	+	+	+	+	1
MUSCULOSKELETAL SYST	ЕМ											
Bone, Femur		+	+	+	+	+	+	+	+	+	+	•
NERVOUS SYSTEM												
Brain, Brain Stem		+	+	+	+	+	+	+	+	+	+	1

^{* ..} 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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

					1		1	1		1	
DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 9 5										
Control 0 ppm ANIMAL ID	0 0 0 2 1	0 0 0 2 2	0 0 0 4 5	0 0 0 4 6	0 0 0 6 5	0 0 0 6 6	0 0 0 8 9	0 0 0 9 0	0 0 0 9 7	0 0 0 9 8	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	10
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	10
RESPIRATORY SYSTEM								,			
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	10

^{* ..} 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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

X .. Lesion present
I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid CAS Number: 7562-61-0 Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	
Usnic 15 ppm	
ANIMAL ID	
	* TOTALS
	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	
* Total animals with tissue examined microscopically; Total animals with tumor + Tissue examined microscopically	M Missing tissue A Autolysis precludes evaluation

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCT MICE MALE		
Usnic 15 ppm		
	IAL ID	
		* TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTEM		
NONE		
URINARY SYSTEM		
NONE		
SYSTEMIC LESIONS		
Multiple Organ		0

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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

X .. Lesion present
I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid CAS Number: 7562-61-0 Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE MALE		
Usnic 30 ppm		
ANIMAL ID		
		* TOTALS
ALIMENTARY SYSTEM		TOTALO
NONE		
CARDIOVASCULAR SYSTEM		
NONE		
ENDOCRINE SYSTEM		
NONE		
GENERAL BODY SYSTEM		
NONE		
GENITAL SYSTEM		
NONE		
HEMATOPOIETIC SYSTEM		
NONE		
INTEGUMENTARY SYSTEM		
NONE		
MUSCULOSKELETAL SYSTEM		
NONE		
* Total animals with tissue examined microscopically; Total animals + Tissue examined microscopically	s with tumor M Missing tissue A Autolysis precludes evaluation	

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON C57BL/6N XC3H/HEN MTV-NCT MICE MALE		
Usnic 30 ppm		
	IAL ID	
		* TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTEM		
NONE		
URINARY SYSTEM		
NONE		
SYSTEMIC LESIONS		
Multiple Organ		0

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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

X .. Lesion present
I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid CAS Number: 7562-61-0 Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	
Usnic 60 ppm	
ANIMAL ID	
	* TOTALS
	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	
* Total animals with tissue examined microscopically; Total animals with tumor + Tissue examined microscopically	M Missing tissue A Autolysis precludes evaluation

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCT MICE MALE			
Usnic 60 ppm			
ANIN	LID		
		* TOTALS	
NERVOUS SYSTEM			
NONE			
RESPIRATORY SYSTEM			
NONE			
SPECIAL SENSES SYSTEM			
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			
Multiple Organ		0	

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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

X .. Lesion present
I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid CAS Number: 7562-61-0 Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	
Usnic 180 ppm	
ANIMAL ID	
	* TOTALS
	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	
* Total animals with tissue examined microscopically; Total animals with tumor + Tissue examined microscopically	M Missing tissue A Autolysis precludes evaluation

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	
Usnic 180 ppm	
ANIMAL ID	
	* TOTALS
NERVOUS SYSTEM	
NONE	
RESPIRATORY SYSTEM	
NONE	
SPECIAL SENSES SYSTEM	
NONE	
URINARY SYSTEM	
NONE	
SYSTEMIC LESIONS	
Multiple Organ	0

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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR	0 0 9 5	0095	0 0 9 5	0 0 9 5							
MICE MALE Jsnic 360 ppm ANIMAL ID	0 0 0 1 3	0 0 0 1 4	0 0 0 3 7	0 0 0 3 8	0 0 0 5 3	0 0 0 5 4	0 0 0 7 7	0 0 0 7 8	0 0 1 1 3	0 0 1 1 4	
ALIMENTARY SYSTEM											
Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

DAY O C57BL/6N XC3H/HEN MTV-NC MICE MALE	N TEST	0 0 9 5										
Jsnic 360 ppm AN	IMAL ID	0 0 0 1 3	0 0 0 1 4	0 0 0 3 7	0 0 0 3 8	0 0 0 5 3	0 0 0 5 4	0 0 0 7 7	0 0 0 7 8	0 0 1 1 3	0 0 1 1 4	* TOTAL
Blood Vessel	-	+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		+	+	+	+	+	+	+	+	М	М	8
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
GENERAL BODY SYSTEM												
NONE												
GENITAL SYSTEM												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Preputial Gland		+	+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	+	10

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0 0 9 5										
Jsnic 360 ppm ANIMAL ID	0 0 0 1 3	0 0 0 1 4	0 0 0 3 7	0 0 0 3 8	0 0 0 5 3	0 0 0 5 4	0 0 0 7 7	0 0 0 7 8	0 0 1 1 3	0 0 1 1 4	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	
HEMATOPOIETIC SYSTEM											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	
Thymus	+	+	+	+	+	+	+	+	+	+	
NTEGUMENTARY SYSTEM											
Mammary Gland	М	М	М	М	М	М	М	M	М	M	
Skin	+	+	+	+	+	+	+	+	+	+	
MUSCULOSKELETAL SYSTEM											
Bone, Femur	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM											
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	

^{* ..} 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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

C57BL/6N XC3H/HEN MTV-N MICE MALE	ON TEST	0 0 9 5	0095	0 0 9 5								
Usnic 360 ppm	ANIMAL ID	0 0 0 1 3	0 0 0 1 4	0 0 0 3 7	0 0 0 3 8	0 0 0 5 3	0 0 0 5 4	0 0 0 7 7	0 0 0 7 8	0 0 1 1 3	0 0 1 1 4	
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	+	
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	+	
RESPIRATORY SYSTEM												
Lung		+	+	+	+	+	+	+	+	+	+	
Nose		+	+	+	+	+	+	+	+	+	+	
Trachea		+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM												
Eye		+	+	+	+	+	+	+	+	+	+	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM												
Kidney		+	+	+	+	+	+	+	+	+	+	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	

*** END OF MALE DATA ***

^{* ..} 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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	
Control 0 ppm ANIMAL ID	0 0 0 2 3	0 0 0 2 4	0 0 0 4 7	0	0 0 0 6 7	0 0 0 6 8	0 0 0 9 1	0 0 0 9 2	0 0 0 9 9	0 0 1 0 0	* TOTALS
ALIMENTARY SYSTEM					•	•					
Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

				_	1	1	1					
C57BL/6N XC3H/HEN MICE FEMALE	DAY ON TEST MTV-NCTR	0 0 9 5	0 0 9 5	0 0 9 5								
Control 0 ppm	ANIMAL ID	0 0 0 2 3	0 0 0 2 4	0 0 0 4 7	0 0 0 4 8	0 0 0 6 7	0 0 0 6 8	0 0 0 9 1	0 0 0 9 2	00099	0 0 1 0	* TOTAL
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM	Λ											
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		+	М	+	+	+	+	+	+	+	+	9
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
GENERAL BODY SYS	STEM											
NONE												
GENITAL SYSTEM												
Clitoral Gland		+	+	+	+	+	+	+	+	+	M	9
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus		+	+	+	+	+	+	+	+	+	+	10

^{* ..} 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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

						,					
DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 9 5	0 0 9 5									
Control 0 ppm ANIMAL ID	0 0 0 2 3	0 0 0 2 4	0 0 0 4 7	0 0 0 4 8	0 0 0 6 7	0 0 0 6 8	0 0 0 9 1	0 0 0 9 2	0 0 0 9 9	0 0 1 0	* TOTAL
HEMATOPOIETIC SYSTEM		•	-	-	-	-	-	-	-	•	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
INTEGUMENTARY SYSTEM											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYSTEM								-	-	-	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM											
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	10
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	10
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	10

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

C57BL/6N XC3H/HEN MICE FEMALE	DAY ON TEST	0 0 9 5											
Control 0 ppm	ANIMAL ID	0 0 0 2 3	0 0 0 2 4	0 0 0 4 7	0 0 0 4 8	0 0 0 6 7	0 0 0 6 8	0 0 0 9 1	0 0 0 9 2	0 0 0 9 9	0 0 1 0 0		3
RESPIRATORY SYSTE	iM												
Lung		+	+	+	+	+	+	+	+	+	+	10	
Nose		+	+	+	+	+	+	+	+	+	+	10	
Trachea		+	+	+	+	+	+	+	+	+	+	10	
SPECIAL SENSES SYS	STEM												
Eye		+	+	+	+	+	+	+	+	+	+	10	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10	
URINARY SYSTEM													
Kidney		+	+	+	+	+	+	+	+	+	+	10	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10	
SYSTEMIC LESIONS													
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10	

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

X .. Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid CAS Number: 7562-61-0 Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE		
Usnic 15 ppm		
ANIMAL ID		
	*	TOTALS
ALIMENTARY SYSTEM		TOTALO
NONE		
CARDIOVASCULAR SYSTEM		
NONE		
ENDOCRINE SYSTEM		
NONE		
GENERAL BODY SYSTEM		
NONE		
GENITAL SYSTEM		
NONE		
HEMATOPOIETIC SYSTEM		
NONE		
INTEGUMENTARY SYSTEM		
NONE		
MUSCULOSKELETAL SYSTEM		
NONE		
* Total animals with tissue examined microscopically; Total a + Tissue examined microscopically	animals with tumor M Missing tissue A Autolysis precludes evaluation	

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST N XC3H/HEN MTV-NCTR MALE	C57BL/6N XC
ppm	Usnic 15 ppn
ANIMAL ID	
S SYSTEM	NERVOUS S'
	NONE
ATORY SYSTEM	RESPIRATO
	NONE
SENSES SYSTEM	SPECIAL SE
	NONE
/ SYSTEM	URINARY SY
	NONE
IC LESIONS	SYSTEMIC L
rgan	Multiple Organ
_	
	ANIMAL ID ANIMAL ID YSTEM RY SYSTEM NSES SYSTEM STEM

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

1

1

Lab: NCTR

C57BL/6N XC3H/HEN MICE FEMALE	DAY ON TEST	0 0 9 5	0 0 2 2	0 0 9 5									
Usnic 30 ppm	ANIMAL ID	0 0 0 1 1	0 0 0 1 2	0 0 0 3 5	0 0 0 3 6	0 0 0 5 1	0 0 0 5 2	0 0 0 7 5	0 0 0 7 6	0 0 1 1 1	0 0 1 1 2	* TOTALS	S
ALIMENTARY SYSTEM	1	1	•					•	•	•	•		
Esophagus			+									1	
Gallbladder			+									1	
Intestine Large, Cecum			+									1	
Intestine Large, Colon			+									1	
Intestine Large, Rectum			+									1	
Intestine Small, Duodenum			+									1	
Intestine Small, Ileum			+									1	
Intestine Small, Jejunum			+									1	
Liver			+									1	
Pancreas			+									1	
Salivary Glands			+									1	

CARDIOVASCULAR SYSTEM

Stomach, Forestomach

Stomach, Glandular

+

+

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

		_	1		ı		1	1	1	1	1	
C57BL/6N XC3H/HEN MICE FEMALE	DAY ON TEST MTV-NCTR	0 0 9 5	0 0 2 2	0 0 9 5								
Jsnic 30 ppm	ANIMAL ID	0 0 0 1 1	0 0 0 1 2	0 0 0 3 5	0 0 0 3 6	0 0 0 5 1	0 0 0 5 2	0 0 0 7 5	0 0 0 7 6	0 0 1 1 1	0 0 1 1 2	* ТОТ
Blood Vessel			+									1
Heart			+									1
ENDOCRINE SYSTEM												
Adrenal Cortex			+									1
Adrenal Medulla			+									1
Islets, Pancreatic			+									1
Parathyroid Gland			+									1
Pituitary Gland			+									1
Thyroid Gland			+									1
GENERAL BODY SYS	TEM											
NONE												
GENITAL SYSTEM												
Clitoral Gland			+									1
Ovary			+									1
Uterus			+									1

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

CATABLISAN XC3H/HEN MTV-NCTR MICE FEMALE S													
Name	C57BL/6N XC3H/HEN MTV-NC		0 0 9 5	0 0 2 2	0 0 9 5	0	0	0 0 9 5	0 0 9 5	0	0	0	
Bone Marrow	Usnic 30 ppm	IMAL ID	0 0 1	0 0 1	0	0 0 3	0	0	0	0 0 7	0 1 1	0 1 1	OTALS
Lymph Node, Mandibular + 1 Lymph Node, Mesenteric + 1 Spleen + 1 Thymus + 1 INTEGUMENTARY SYSTEM Mammary Gland + 1 Skin + 1 MUSCULOSKELETAL SYSTEM Bone + 1 Bone, Femur + 1 NERVOUS SYSTEM Brain, Brain Stem + 1	HEMATOPOIETIC SYSTEM				-	-	-		-	-			
Lymph Node, Mesenteric + 1 Spleen + 1 Thymus + 1 INTEGUMENTARY SYSTEM Mammary Gland + 1 Skin + 1 MUSCULOSKELETAL SYSTEM Bone + 1 Bone, Femur + 1 NERVOUS SYSTEM Brain, Brain Stem + 1	Bone Marrow			+									1
Spleen + 1 Thymus + 1 INTEGUMENTARY SYSTEM Mammary Gland + 1 Skin + 1 MUSCULOSKELETAL SYSTEM Bone + 1 Bone, Femur + 1 NERVOUS SYSTEM Brain, Brain Stem + 1	Lymph Node, Mandibular			+									1
Thymus + 1 INTEGUMENTARY SYSTEM Mammary Gland + 1 Skin + 1 MUSCULOSKELETAL SYSTEM Bone, Femur + 1 Bone, Femur + 1 NERVOUS SYSTEM Brain, Brain Stem + 1	Lymph Node, Mesenteric			+									1
Name	Spleen			+									1
Mammary Gland + 1 Skin + 1 MUSCULOSKELETAL SYSTEM Bone + 1 Bone, Femur + 1 NERVOUS SYSTEM Brain, Brain Stem + 1	Thymus			+									1
Skin + 1 MUSCULOSKELETAL SYSTEM Bone + 1 Bone, Femur + 1 NERVOUS SYSTEM Brain, Brain Stem + 1	INTEGUMENTARY SYSTEM												
MUSCULOSKELETAL SYSTEM Bone + 1 Bone, Femur + 1 NERVOUS SYSTEM + 1 Brain, Brain Stem + 1	Mammary Gland			+									1
Bone + 1 Bone, Femur + 1 NERVOUS SYSTEM Brain, Brain Stem + 1	Skin			+			_	_					1
Bone, Femur + 1 NERVOUS SYSTEM Brain, Brain Stem + 1	MUSCULOSKELETAL SYSTEM	И		-	_	_							
NERVOUS SYSTEM Brain, Brain Stem + 1	Bone			+									1
Brain, Brain Stem + 1	Bone, Femur			+				_					1
	NERVOUS SYSTEM												
Brain, Cerebellum +	Brain, Brain Stem			+									1
	Brain, Cerebellum			+									1

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

C57BL/6N XC3H/HEN MICE FEMALE	DAY ON TEST	0 0 9 5	0 0 2 2	0 0 9 5								
Usnic 30 ppm	ANIMAL ID	0 0 0 1 1	0 0 0 1 2	0 0 0 3 5	0 0 0 3 6	0 0 0 5 1	0 0 0 5 2	0 0 0 7 5	0 0 0 7 6	0 0 1 1 1	0 0 1 1 2)
Brain, Cerebrum			+									1
RESPIRATORY SYST	EM					-						
Lung			+									1
Nose			+									1
Trachea			+									1
SPECIAL SENSES SY	/STEM											
Eye			+									1
Harderian Gland			+									1
URINARY SYSTEM												
Kidney			+									1
Urinary Bladder			+									1
SYSTEMIC LESIONS			•			-				-		
Multiple Organ			+									1

^{* ..} 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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

X .. Lesion present
I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid CAS Number: 7562-61-0 Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	
Usnic 60 ppm	
ANIMAL ID	
	* TOTALS
ALIMENTARY SYSTEM	TOTALS
NONE	
CARDIOVASCULAR SYSTEM	
NONE	
ENDOCRINE SYSTEM	
NONE	
GENERAL BODY SYSTEM	
NONE	
GENITAL SYSTEM	
NONE	
HEMATOPOIETIC SYSTEM	
NONE	
INTEGUMENTARY SYSTEM	
NONE	
MUSCULOSKELETAL SYSTEM	
NONE	
* Total animals with tissue examined microscopically; Total + Tissue examined microscopically	ue ecludes evaluation

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

DAY O C57BL/6N XC3H/HEN MTV-NC		
MICE FEMALE		
Usnic 60 ppm	MAL ID	
AIN	NAC ID	
		* TOTALS
NERVOUS SYSTEM		
NONE		
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

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

X .. Lesion present
I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid CAS Number: 7562-61-0 Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR		
MICE FEMALE		
Usnic 180 ppm ANIMAL ID		
ANIIVIAL ID		
	* TOT/	ALS
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		
* Total animals with tissue examined microscopically; Total animals with tur + Tissue examined microscopically	mor M Missing tissue A Autolysis precludes evaluation	

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

C57BL/6N XC3H/HEN MT	AY ON TEST -NCTR	
Usnic 180 ppm		
	ANIMAL ID	
		 * TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTE	И	
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

M .. Missing tissue

A .. Autolysis precludes evaluation

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	Г 0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	
Usnic 360 ppm ANIMAL II	0 0 0 0 1 5	0 0 0 1 6	0 0 0 3 9	0 0 0 4 0	0 0 0 5 5	0 0 0 5 6	0 0 0 7 9	0 0 0 8 0	0 0 1 1 5	0 0 1 1 6	* TOTALS
ALIMENTARY SYSTEM	•	•			•	•	•		•	•	
Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

^{* ..} 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

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

				_								
C57BL/6N XC3H/HEN MICE FEMALE	DAY ON TEST	0 0 9 5										
Jsnic 360 ppm	ANIMAL ID	0 0 0 1 5	0 0 0 1 6	0 0 0 3 9	0 0 0 4 0	0 0 0 5 5	0 0 0 5 6	0 0 0 7 9	0 0 0 8 0	0 0 1 1 5	0 0 1 1 6	* TOTALS
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM	VI											
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		+	+	+	+	+	+	М	+	+	+	9
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
GENERAL BODY SY	STEM											
NONE					_	_						
GENITAL SYSTEM												
Clitoral Gland		+	+	+	+	+	+	+	+	+	+	10
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus		+	+	+	+	+	+	+	+	+	+	10

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

	_											
DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 9 5											
Usnic 360 ppm ANIMAL ID	0 0 0 1 5	0 0 0 1 6	0 0 0 3 9	0 0 0 4 0	0 0 0 5 5	0 0 0 5 6	0 0 0 7 9	0 0 0 8 0	0 0 1 1 5	0 0 1 1 6	* ТОТ/	ALS
HEMATOPOIETIC SYSTEM					-	-	-		-			
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10)
Lymph Node, Mandibular	+	+	+	+	+	+	М	+	+	+	9	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Thymus	+	+	+	+	+	+	+	+	+	+	10)
INTEGUMENTARY SYSTEM												
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10	
Skin	+	+	+	+	+	+	+	+	+	+	10)
MUSCULOSKELETAL SYSTEM								_				
Bone, Femur	+	+	+	+	+	+	+	+	+	+	10)
NERVOUS SYSTEM												
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	10	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	10	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	10)

^{* ..} 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

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: MICE/B6C3F1/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

(+)-Usnic Acid **CAS Number:** 7562-61-0

Date Report Requested: 12/03/2020 Time Report Requested: 12:50:16 First Dose M/F: 08/07/08 / 08/07/08

Lab: NCTR

DAY ON TEST C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0095	0095	
Usnic 360 ppm ANIMAL ID	0 0 0 1 5	0 0 0 1 6	0 0 0 3 9	0 0 0 4 0	0 0 0 5 5	0 0 0 5 6	0 0 0 7 9	0 0 0 8 0	0 0 1 1 5	0 0 1 1 6	* TOTAL
RESPIRATORY SYSTEM		-		-	-	-	-	-			
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	10

*** END OF REPORT ***

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically