P04: NEOPLASMS BY INDIVIDUAL ANIMAL Water disinfection byproducts (Bromodichloroacetic Acid) CAS Number: 71133-14-7

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

NTP Study Number:	C96014
Lock Date:	Not Entered.
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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL Water disinfection byproducts (Bromodichloroacetic Acid) CAS Number: 71133-14-7

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

DAY ON TEST FISCHER 344 RATS MALE	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	_
0 MG/L Animal id	0 0 0 0	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	* TOTALS
ALIMENTARY SYSTEM						
Intestine Large, Colon	+	+	+	+	+	5
Intestine Small, Duodenum	+	+	+	+	+	5
Intestine Small, Ileum	+	+	+	+	+	5
Intestine Small, Jejunum	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

FISCHER 344 RATS M	DAY ON TEST	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6		
0 MG/L	ANIMAL ID	0 0 0 1	0 0 0 2	0 0 0 3	0 0 0 4	0 0 0 5		* TOTALS
HEMATOPOIETIC SYS	STEM							
NONE								
INTEGUMENTARY SY	STEM							
NONE								
MUSCULOSKELETAL	SYSTEM					-		
NONE								
NERVOUS SYSTEM						-		
NONE								
RESPIRATORY SYST	EM							
NONE								
SPECIAL SENSES SY	STEM							
NONE								
URINARY SYSTEM								
Kidney		+	+	+	+	+		5
SYSTEMIC LESIONS								
Multiple Organ		+	+	+	+	+		5
* Total animals w + Tissue examine X Lesion present I Insufficient tissu		roscopi	ically	/; Tot	al anim	nals v	hor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

DAY ON TES	ST	
FISCHER 344 RATS MALE		
62.5 MG/L ANIMAL		
ANIMAL		
		* 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

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

0

FISCHER 344 RATS MA	DAY ON TEST							
62.5 MG/L	ANIMAL ID							
			* TOTALS					
NERVOUS SYSTEM								
NONE								
RESPIRATORY SYSTEM	И							
NONE								
SPECIAL SENSES SYS	TEM							
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

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

FISCHER 344 RATS MALE	AY ON TEST	
125 MG/L	ANIMAL ID	
		 * TOTALS
ALIMENTARY SYSTEM		
NONE		
CARDIOVASCULAR SYST	EM	
NONE		
ENDOCRINE SYSTEM		
NONE		
GENERAL BODY SYSTEM		
NONE		
GENITAL SYSTEM		
NONE		
HEMATOPOIETIC SYSTEM	1	
NONE		
INTEGUMENTARY SYSTE	VI	
NONE		
MUSCULOSKELETAL SYS	TEM	
NONE		

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

0

FISCHER 344 RATS M/ 125 MG/L	DAY ON TEST		
	ANIMAL ID		
		 	* TOTALS
NERVOUS SYSTEM			
NONE			
RESPIRATORY SYSTE	M		
NONE			
SPECIAL SENSES SYS	бтем		
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

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

DAY ON TEST	
FISCHER 344 RATS MALE	
250 MG/L	
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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

0

FISCHER 344 RATS MAI 250 MG/L	DAY ON TEST _E	
	ANIMAL ID	
		* TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYST	EM	
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

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

DAY ON TEST	
FISCHER 344 RATS MALE	
500 MG/L 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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

0

FISCHER 344 RATS MA 500 MG/L	DAY ON TEST L E	 -
	ANIMAL ID	
		 * TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM	1	
NONE		
SPECIAL SENSES SYST	EM	
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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL Water disinfection byproducts (Bromodichloroacetic Acid) CAS Number: 71133-14-7

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

DAY ON TEST FISCHER 344 RATS MALE	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	
1000 MG/L ANIMAL ID	0 0 0 2 6	0 0 2 7	0 0 2 8	0 0 2 9	0 0 3 0	* TOTALS
ALIMENTARY SYSTEM	•					
Intestine Large, Colon	+	+	+	+	+	5
Intestine Small, Duodenum	+	+	+	+	+	5
Intestine Small, Ileum	+	+	+	+	+	5
Intestine Small, Jejunum	+	+	+	÷	+	5
Liver	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

DAY ON TE FISCHER 344 RATS MALE	EST 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 6 6 6 6 6 6	_
1000 MG/L ANIMAI	LID 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* TOTALS
HEMATOPOIETIC SYSTEM		
NONE		
INTEGUMENTARY SYSTEM		
NONE		
MUSCULOSKELETAL SYSTEM		
NONE		
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTEM		
NONE		
URINARY SYSTEM		
Kidney	+ + + + +	5
SYSTEMIC LESIONS		
Multiple Organ	+ + + + +	5
* Total animals with tissue examine + Tissue examined microscopically X Lesion present I Insufficient tissue	d microscopically; Total animals with tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

P04: NEOPLASMS BY INDIVIDUAL ANIMAL Water disinfection byproducts (Bromodichloroacetic Acid) CAS Number: 71133-14-7 Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

*** END OF MALE DATA ***

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

+ .. Tissue examined microscopically

- X .. Lesion present
- I .. Insufficient tissue

DAY ON TEST FISCHER 344 RATS FEMALE	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6		
0 MG/L Animal id	0 0 0 3 1	0 0 0 3 2	0 0 0 3 3	0 0 0 3 4	0 0 0 3 5	* TOT	TALS
ALIMENTARY SYSTEM							
Intestine Large, Colon	+	+	+	+	+	5	5
Intestine Small, Duodenum	+	+	+	+	+	5	5
Intestine Small, Ileum	+	+	+	+	+	5	5
Intestine Small, Jejunum	+	+	+	+	+	5	5
Liver	+	+	+	+	+	5	5
Stomach, Forestomach	+	+	+	+	+	5	5
Stomach, Glandular	+	+	+	+	+	5	5

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

FISCHER 344 RATS F	DAY ON TEST EMALE	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6		
0 MG/L	ANIMAL ID	0 0 0 3 1	0 0 0 3 2	0 0 0 3 3	0 0 0 3 4	0 0 0 3 5		* TOTALS
HEMATOPOIETIC SYS	STEM	I						
NONE								
INTEGUMENTARY SY	STEM							
NONE								
MUSCULOSKELETAL	SYSTEM			-				
NONE								
NERVOUS SYSTEM				-				
NONE								
RESPIRATORY SYST	EM							
NONE								
SPECIAL SENSES SY	STEM							
NONE								
URINARY SYSTEM								
Kidney		+	+	+	+	+		5
SYSTEMIC LESIONS								
Multiple Organ		+	+	+	+	+		5
* Total animals w + Tissue examine X Lesion present I Insufficient tissu		roscopio	cally	; Tota	al anin	nals	M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

DAY ON TES	\$T	
FISCHER 344 RATS FEMALE		
62.5 MG/L		
ANIMAL I		
		* 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

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

0

FISCHER 344 RAT	DAY ON TEST S FEMALE		
62.5 MG/L			
	ANIMAL ID		
		 	 * TOTALS
NERVOUS SYSTE	N		
NONE			
RESPIRATORY SY	STEM		
NONE			
SPECIAL SENSES	SYSTEM		
NONE			
URINARY SYSTEM	1		
NONE			
SYSTEMIC LESION	IS		

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

1	AY ON TEST	
FISCHER 344 RATS FEM	LE	
125 MG/L		
	ANIMAL ID	
		* TOTALS
ALIMENTARY SYSTEM		
NONE		
CARDIOVASCULAR SYS	EM	
NONE		
ENDOCRINE SYSTEM		
NONE		
GENERAL BODY SYSTEM		
NONE		
GENITAL SYSTEM		
NONE		
HEMATOPOIETIC SYSTE	1	
NONE		
INTEGUMENTARY SYSTE	м	
NONE		
MUSCULOSKELETAL SY	JTEM	
NONE		

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

0

FISCHER 344 RATS	DAY ON TEST	 	
125 MG/L			
	ANIMAL ID		
			 * TOTALS
NERVOUS SYSTEM	Λ		
NONE			
RESPIRATORY SYS	STEM		
NONE			
SPECIAL SENSES	SYSTEM		
NONE		 	
URINARY SYSTEM			
NONE			
SYSTEMIC LESION	S		

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

DAY ON TEST	
FISCHER 344 RATS FEMALE	
250 MG/L	
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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

0

FISCHER 344 RAT	DAY ON TEST		
250 MG/L		 	 <u> </u>
	ANIMAL ID		
		 	 * TOTALS
NERVOUS SYSTE	M		
NONE			
RESPIRATORY S	YSTEM		
NONE			
SPECIAL SENSES	SYSTEM		
NONE			
URINARY SYSTEM	M		
NONE			
SYSTEMIC LESIO	NS		

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

DA	AY ON TEST	
FISCHER 344 RATS FEMAI	.E	
500 MG/L		
	ANIMAL ID	
		* TOTALS
ALIMENTARY SYSTEM		
NONE		
CARDIOVASCULAR SYSTE	ΞΜ	
NONE		
ENDOCRINE SYSTEM		
NONE		
GENERAL BODY SYSTEM		
NONE		
GENITAL SYSTEM		
NONE		
HEMATOPOIETIC SYSTEM		
NONE		
INTEGUMENTARY SYSTEM	Λ	
NONE		
MUSCULOSKELETAL SYS	ТЕМ	
NONE		

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 09/12/2016 Time Report Requested: 09:57:44 First Dose M/F: 08/21/00 / 08/21/00 Lab: SRI

0

FISCHER 344 RATS	DAY ON TEST		
500 MG/L			
	ANIMAL ID		
		 	 * TOTALS
NERVOUS SYSTEM			
NONE		 	
RESPIRATORY SYS	TEM		
NONE		 	
SPECIAL SENSES S	SYSTEM		
NONE		 	
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS	S		

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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DAY ON TEST FISCHER 344 RATS FEMALE	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6		
1000 MG/L ANIMAL ID	0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0	* TOTA	* TOTALS
ALIMENTARY SYSTEM							
Intestine Large, Colon	+	+	+	+	+	5	
Intestine Small, Duodenum	+	+	+	+	+	5	
Intestine Small, Ileum	+	+	+	+	+	5	
Intestine Small, Jejunum	+	+	+	+	+	5	
Liver	+	+	+	+	+	5	
Stomach, Forestomach	+	+	+	+	+	5	
Stomach, Glandular	+	+	+	+	+	5	

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

FISCHER 344 RATS FE	DAY ON TEST	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6		
1000 MG/L	ANIMAL ID	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 5 9	0 0 0 6 0		* TOTALS
HEMATOPOIETIC SYS	TEM			-				
NONE								
INTEGUMENTARY SYS	STEM							
NONE								
MUSCULOSKELETAL	SYSTEM							
NONE								
NERVOUS SYSTEM				-				
NONE								
RESPIRATORY SYSTE	М							
NONE								
SPECIAL SENSES SYS	TEM							
NONE								
URINARY SYSTEM								
Kidney		+	+	+	+	+		5
SYSTEMIC LESIONS								
Multiple Organ		+	+	+	+	+		5
* Total animals with + Tissue examined X Lesion present I Insufficient tissue		roscopio	cally	/; Tota	al anin	nals	M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

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*** END OF REPORT ***

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

+ .. Tissue examined microscopically

- X .. Lesion present
- I .. Insufficient tissue