Experiment Number: 96016-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Water disinfection byproducts (Dichloroacetic acid)
CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:47

First Dose M/F: NA / NA

Lab: SRI

C Number: C96016

Lock Date: 01/11/2001

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED WATER

F 344/N Rat Male 0 MG/L	DAY ON TEST	0 9 2 0 0 0 0 0	0 9 2 0 0 0 0 0	0 9 2 0 0 0 0 3	0 9 2 0 0 0 0 4	0 9 2 0 0 0 0 5	0 9 2 0 0 0 0 0 6	0 9 2 0 0 0 0 7	0 9 2 0 0 0 0 8	0 9 2 0 0 0 0 0	0 9 2 0 0 0 1	*TO	·ΤΑ	<u>LS</u>
Alimentary System														
Esophagus		+	+	+	+	+	+	+	+	+	+	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														
Heart		+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Mixed C	ell. Focal	1	2	1	1	2	1	2			1		8	1.4
Endocrine System	,													
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10		
Accessory Adrenal Cortical	Nodule	2											1	2.0
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10		
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10		

M ..Missing tissue

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

1-4 ..Lesion qualified as:

2) Mild

4) Marked

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:47

First Dose M/F: NA / NA

Lab: SRI

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue BLANK ..Not examined microscopically

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

Route: DOSED WATER

CAS Number: 79-43-6

9

10

Lab: SRI

Date Report Requested: 10/18/2014

Time Report Requested: 16:20:48

First Dose M/F: NA / NA

F 344/N	Rat	Male
0 MG/L		

Parathyroid Gland
Pituitary Gland
Thyroid Gland
General Body System

Test Type: 90-DAY

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	<i>0 9 2</i>	9 2	9 2	9 2	9 2	9 2	9 2	9 2	9 2	9 2	
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 1	**********
	<u>1</u> +	<u>2</u> +	<u>3</u> +	+	5 +	6 +	<u>7</u> +	<u>8</u> +	9 +	+	*TOTALS
	+	+	М	+	+	+	+	+	+	+	9
	+	+	+	+	+	+	+	+	+	+	10

NONE Genital System

Epididymis

Preputial Gland	+	+	+	+	+	+	+	+	+	+	10		
Prostate	+	+	+	+	+	+	+	+	+	+	10		
Inflammation						1						1	1.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10		
Testes	+	+	+	+	+	+	+	+	+	+	10		
Hematopoietic System													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node							+				1		
Mediastinal, Ectasia							3					1	3.0
Mediastinal, Hemorrhage							2					1	2.0
Lymph Node, Mandibular	+	М	М	М	М		М	М	М	М	1		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10		
Spleen	+	+	+	+	+	+	+	+	+	+	10		

M .. Missing tissue

Thymus

A .. Autolysis precludes evaluation

I ..Insufficient tissue BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

Route: DOSED WATER Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 79-43-6

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 16:20:48

Lab: SRI

F 344/N Rat Male 0 MG/L	DAY ON TEST	0 0 9 2												
5 6/ <u>-</u>	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 1 0	*TO	та	LS
Integumentary System														
Mammary Gland		+	+	+	+	+	М	+	+	М	+	8		
Skin		+	+	+	+	+	+	+	+	+	+	10		
Musculoskeletal System														
Bone		+	+	+	+	+	+	+	+	+	+	10		
Nervous System														
Brain		+	+	+	+	+	+	+	+	+	+	10		
Respiratory System														
Lung		+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Mixed Cel	II								1				1	1.0
Nose		+	+	+	+	+	+	+	+	+	+	10		
Trachea Special Senses System		+	+	+	+	+	+	+	+	+	+	10		
												10		
Eye Harderian Gland		+	+	+	+	+	+	+	+	+	+	10		
Urinary System		•	•	•	•	•	•	•	•	•	•	10		
Kidney		+	+	+	+	+	+	+	+	+	+	10		
Nephropathy		1	1	1	1	1		1	1	1	1		9	1.0
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10		

M .. Missing tissue

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

^{1-4 ..}Lesion qualified as:

¹⁾ Minimal 3) Moderate

²⁾ Mild

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Male 67 MG/L

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

4) Marked 2) Mild

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

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

Route: DOSED WATER

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Male 67 MG/L

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

X ..Lesion present I .. Insufficient tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Male 125 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

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

Test Type: 90-DAY

Route: DOSED WATER Species/Strain: Rat/F 344/N P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Male 125 MG/L

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

I .. Insufficient tissue

X ..Lesion present

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat 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

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

Route: DOSED WATER

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Male 250 MG/L

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

4) Marked 2) Mild

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

^{+ ..} Tissue examined microscopically

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat 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

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Male 500 MG/L

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

X ..Lesion present

I .. Insufficient tissue

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

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED WATER

F 344/N Rat Male 1000 MG/L	DAY ON TEST ANIMAL ID	0 9 2 0 0 0 0 5	0 9 2 0 0 0 5	0 0 9 2 0 0 0 5	0 9 2 0 0 0 5	0 9 2 0 0 0 5	0 9 2 0 0 0 0 5	0 9 2 0 0 0 5	0 9 2 0 0 0 0 5	0 9 2 0 0 0 5	0 9 2 0 0 0 0 6			
		1	2	3	4	5 5	6	7	8	9	Ö	*TO	TA	<u>LS</u>
Alimentary System														
Esophagus		+	+	+	+	+	+	+	+	+	+	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														
Heart		+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Mixed C	Cell, Focal		1		1	1	1	1	2	1			7	1.1
Endocrine System														
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10		
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10		
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10		

M .. Missing tissue

A .. Autolysis precludes evaluation

Parathyroid Gland

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

10

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

Route: DOSED WATER

CAS Number: 79-43-6

First Dose M/F: NA / NA Lab: SRI

Date Report Requested: 10/18/2014

Time Report Requested: 16:20:48

F 344/	N Rat Male
1000	MG/L

Mammary Gland

Skin

Test Type: 90-DAY

F 344/N Rat Male 1000 MG/L	DAY ON TEST ANIMAL ID	0 9 2 0 0												
		0 5 1	0 5 2	0 5 3	0 5 4	0 5 5	0 5 6	0 5 7	0 5 8	0 5 9	0 6 0	*TC	TΑ	LS_
Pituitary Gland		+	+	+	+	+	+	+	+	М	+	9		
Pars Distalis, Cytoplasm	ic Alteration, Focal						1		1				2	1.0
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10		
General Body System														
NONE														
Genital System														
Epididymis		+	+	+	+	+	+	+	+	+	+	10		
Preputial Gland		+	+	+	+	+	+	+	+	+	+	10		
Prostate		+	+	+	+	+	+	+	+	+	+	10		
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10		
Testes		+	+	+	+	+	+	+	+	+	+	10		
Hematopoietic System														
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mandibular		М	М	М	М	М	M	M	+	M	М	1		
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10		
Spleen		+	+	+	+	+	+	+	+	+	+	10		
Thymus		+	+	+	+	+	+	+	+	+	+	10		
Integumentary System														

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

2

10

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

Route: DOSED WATER
Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 79-43-6

Lab: SRI

Date Report Requested: 10/18/2014

Time Report Requested: 16:20:48

First Dose M/F: NA / NA

F 344/N Rat Male 1000 MG/L	DAY ON TEST ANIMAL ID	0 9 2 0 0 0 5 1	0 9 2 0 0 0 5 2	0 9 2 0 0 0 5 3	0 9 2 0 0 0 5 4	0 9 2 0 0 0 5 5	0 9 2 0 0 0 5 6	0 9 2 0 0 0 5 7	0 9 2 0 0 0 0 5 8	0 9 2 0 0 0 5 9	0 9 2 0 0 0 0 6 0	*TC	ΟTΑ	LS_
Musculoskeletal System														
Bone		+	+	+	+	+	+	+	+	+	+	10		
Nervous System														
Brain		+	+	+	+	+	+	+	+	+	+	10		
Respiratory System														
Lung		+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Mixed	Cell	1											1	1.0
Metaplasia, Osseous, Foo	cal	1											1	1.0
Nose		+	+	+	+	+	+	+	+	+	+	10		
Trachea		+	+	+	+	+	+	+	+	+	+	10		
Special Senses System														
Eye		+	+	+	+	+	+	+	+	+	+	10		
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10		
Urinary System														
Kidney		+	+	+	+	+	+	+	+	+	+	10		
Nephropathy		1	1	1	1	1	1	1	1	1	1		10	1.0
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10		
								***	ENE	0 (FΜ	ALE D	DAT	A***

M .. Missing tissue

A .. Autolysis precludes evaluation

I ..Insufficient tissue BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED WATER

DAY ON TEST F 344/N Rat Female 2 2 0 MG/L ANIMAL ID Õ Õ Ō 5 8 9 Ö *TOTALS **Alimentary System** Esophagus Intestine Large, Cecum Intestine Large, Colon Intestine Large, Rectum Intestine Small, Duodenum Intestine Small, Ileum Intestine Small, Jejunum Liver Mesentery Fat, Necrosis 1.0 **Pancreas** Salivary Glands Stomach, Forestomach Stomach, Glandular Cardiovascular System Heart **Endocrine System Adrenal Cortex** Adrenal Medulla Islets, Pancreatic

M ..Missing tissue

A .. Autolysis precludes evaluation

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/18/2014 **Time Report Requested:** 16:20:48

First Dose M/F: NA / NA

Lab: SRI

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

^{+ ..} Tissue examined microscopically

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

Route: DOSED WATER

CAS Number: 79-43-6

Time Report Requested: 16:20:48

Date Report Requested: 10/18/2014

First Dose M/F: NA / NA

Lab: SRI

F 344/N Rat Female 0 MG/L	DAY ON TEST	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			
	ANIMAL ID	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 7 0	*TO	ТА	LS
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	10		
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10		
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10		
General Body System														
NONE														
Genital System														
Clitoral Gland		+	+	+	+	+	+	+	+	+	+	10		
Ovary		+	+	+	+	+	+	+	+	+	+	10		
Cyst								3					1	3.0
Uterus		+	+	+	+	+	+	+	+	+	+	10		
Hydrometra								1		2			2	1.5
Hematopoietic System														
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mandibular		М	M	M	М	+	М	М	М	М	M	1		
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10		
Hyperplasia, Histiocytic, Fo	ocal				3								1	3.0
Hyperplasia, Lymphoid					3								1	3.0
Spleen		+	+	+	+	+	+	+	+	+	+	10		
Thymus		+	+	+	+	+	+	+	+	+	+	10		
Integumentary System														
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10		

M .. Missing tissue

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK .. Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

^{1-4 ..}Lesion qualified as:

¹⁾ Minimal 3) Moderate

²⁾ Mild

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED WATER

F 344/N Rat Female 0 MG/L	DAY ON TEST	0 9 2 0 0 0	0 9 2 0 0 0	0 9 2 0 0 0	0 9 2 0 0 0	0 9 2 0 0 0	0 9 2 0 0	0 9 2 0 0	0 9 2 0 0 0	0 9 2 0 0 0	0 9 2 0 0 0			
		6	6 2	6	6	6 5	6	6 7	6	6 9	7	*TO	ТΑ	LS
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10		
Skin		+	+	+	+	+	+	+	+	+	+	10		
Musculoskeletal System														
Bone		+	+	+	+	+	+	+	+	+	+	10		
Nervous System														
Brain		+	+	+	+	+	+	+	+	+	+	10		
Respiratory System														
Lung		+	+	+	+	+	+	+	+	+	+	10		
Hyperplasia, Histiocytic											1		1	1.0
Infiltration Cellular, Mixed C	ell			2									1	2.0
Nose		+	+	+	+	+	+	+	+	+	+	10		
Trachea		+	+	+	+	+	+	+	+	+	+	10		
Special Senses System														
Eye		+	+	+	+	+	+	+	+	+	+	10		
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10		
Urinary System														
Kidney		+	+	+	+	+	+	+	+	+	+	10		
Nephropathy										1			1	1.0
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10		

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/18/2014

Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 90-DAY

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Female 67 MG/L

Species/Strain: Rat/F 344/N

Route: DOSED WATER

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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

Test Type: 90-DAY

Route: DOSED WATER Species/Strain: Rat/F 344/N P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Female 67 MG/L

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Female 125 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

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

Route: DOSED WATER

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Female 125 MG/L

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

A .. Autolysis precludes evaluation

X ..Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

Route: DOSED WATER

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat 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

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

I .. Insufficient tissue

X .. Lesion present

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

4) Marked 2) Mild

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

Test Type: 90-DAY

Route: DOSED WATER Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Female 250 MG/L

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Female 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

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

Route: DOSED WATER

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:20:48

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Female 500 MG/L

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

X ..Lesion present

A .. Autolysis precludes evaluation

M .. Missing tissue

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

Test Type: 90-DAY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

CAS Number: 79-43-6

Route: DOSED WATER Species/Strain: Rat/F 344/N

Lab: SRI

Date Report Requested: 10/18/2014

Time Report Requested: 16:20:48

First Dose M/F: NA / NA

F 344/	N Rat Female	٠
1000	MG/L	

F 344/N Rat Female 1000 MG/L	DAY ON TEST ANIMAL ID	0 9 2 0 0 1 1	0 9 2 0 0 1 1 2	0 9 2 0 0 1 1 3	0 9 2 0 0 1 1 4	0 9 2 0 0 1 1 5	0 9 2 0 0 1 1 6	0 9 2 0 0 1 1 7	0 9 2 0 0 1 1 8	0 9 2 0 0 1 1 9	0 9 2 0 0 1 2 0	*TO	<u>TA</u>	<u>LS</u>
Alimentary System														
Esophagus		+	+	+	+	+	+	+	+	+	+	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		
Hepatodiaphragmatic Node	ule							2	2				2	2.0
Pancreas		+	+	+	+	+	+	+	+	+	+	10		
Acinus, Atrophy, Focal										1			1	1.0
Salivary Glands		+	+	+	+	+	+	+	+	+	+	10		
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10		
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	10		
Cardiovascular System														
Heart		+	+	+	+	+	+	+	+	+	+	10		
Endocrine System		-	-	-	-	-	-	-	-	-	-			
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10		
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10		
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10		

M .. Missing tissue

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid)

Route: DOSED WATER

CAS Number: 79-43-6

Lab: SRI

Date Report Requested: 10/18/2014

Time Report Requested: 16:20:48

First Dose M/F: NA / NA

F 344/N Rat Female 1000 MG/L	DAY ON TEST	0 0 9 2												
	ANIMAL ID	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 1 2 0	*TC	TΑ	LS_
Parathyroid Gland		М	+	+	+	+	+	+	+	+	+	9		
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10		
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10		
Ectopic Thymus			1										1	1.0
General Body System														
Tissue NOS										+		1		
Genital System														
Clitoral Gland		+	+	+	+	+	+	+	+	+	+	10		
Ovary		+	+	+	+	+	+	+	+	+	+	10		
Bilateral, Periovarn Tiss, C	Syst	3											1	3.0
Uterus		+	+	+	+	+	+	+	+	+	+	10		
Hematopoietic System														
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10		
Lymph Node									+			1		
Mediastinal, Hyperplasia, I	Histiocytic								3				1	3.0
Lymph Node, Mandibular		М	М	М	М	М	М	+	М	М	М	1		
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10		
Spleen		+	+	+	+	+	+	+	+	+	+	10		
Thymus		+	+	+	+	+	+	+	+	+	+	10		
Integumentary System														
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10		

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

^{+ ..} Tissue examined microscopically

X ..Lesion present
I ..Insufficient tissue

Test Type: 90-DAY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Water disinfection byproducts (Dichloroacetic acid) **CAS Number:** 79-43-6

Route: DOSED WATER

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 16:20:48

Lab: SRI

Species/Strain: Rat/F 344/N

F 344/N Rat Female 1000 MG/L	DAY ON TEST ANIMAL ID	0 9 2 0 0 1 1	0 9 2 0 0 1 1 2	0 9 2 0 0 1 1 3	0 9 2 0 0 1 1 4	0 9 2 0 0 1 1 5	0 9 2 0 0 1 1 6	0 9 2 0 0 1 1	0 9 2 0 0 1 1 8	0 9 2 0 0 1 1	0 9 2 0 0 1 2 0	*TO	<u>TA</u>	<u>LS</u>
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10		
Skin		+	+	+	+	+	+	+	+	+	+	10		
Musculoskeletal System														
Bone		+	+	+	+	+	+	+	+	+	+	10		
Nervous System														
Brain		+	+	+	+	+	+	+	+	+	+	10		
Respiratory System														
Lung		+	+	+	+	+	+	+	+	+	+	10		
Nose		+	+	+	+	+	+	+	+	+	+	10		
Trachea		+	+	+	+	+	+	+	+	+	+	10		
Special Senses System														
Eye		+	+	+	+	+	+	+	+	+	+	10		
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10		
Urinary System														
Kidney		+	+	+	+	+	+	+	+	+	+	10		
Nephropathy											1		1	1.0
Renal Tubule, Dilatation								1					1	1.0
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10		

M .. Missing tissue

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

1) Minimal 3) Moderate

2) Mild

4) Marked

** 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

^{1-4 ..}Lesion qualified as: