Test Type: 14-DAY **Route:** GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

C Number: C88149

Lock Date: 01/19/1994

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: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	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							
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mesenteric	+	+	+	+	+	5		
Hemorrhage	·	•			1	Ü	1	1.0
Spleen	+	+	+	+	+	5		
Hematopoietic Cell Proliferation		1		1			2	1.0
Thymus	+	+	+	+	+	5		
Hemorrhage				1			1	1.0

+ ..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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Time Report Requested: 18:58:02

Date Report Requested: 10/22/2014

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 0 MG/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
ANIMAL ID	1	1	1	1	1
	7	7	7	7	7
	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

Nephropathy, Chronic 1 1.0

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

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

Route: GAVAGE CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

		DAY ON TEST	0	0	0	0	0	
F 344/N Rat	Malo		0	0	0	0	0	
r 344/IN Nat	Wate		1	1	1	1	1	
12.5 MG/KG		7	7	7	7	7		
	ANIMAL ID	0	0	0	0	0		
		0	0	0	0	0		
			0	0	0	0	0	
			0	0	0	0	1	

| 6 | 7 | 8 | 9 | 0 |

Alimentary System

Liver + + + + + 5

Hepatocyte, Cytoplasmic Alteration 1 1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

 Spleen
 +
 +
 +
 +
 +
 +
 5

 Hematopoietic Cell Proliferation
 1
 1
 1
 1
 2
 5
 1.2

 Thymus
 +
 +
 +
 +
 +
 +
 5

 Thymocyte, Atrophy
 1
 1
 1
 1
 2
 5
 1.2

Integumentary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

*TOTALS

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

A ..Autolysis precidues evaluation

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

F 344/N Rat Male

12.5 MG/KG

Test Type: 14-DAY

Route: GAVAGE

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

Date Report Requested: 10/22/2014

Time Report Requested: 18:58:02

DAY ON TEST 0 0

0 0 0 0 *1 7 1 7 1 7 1 7* 0 0 0 0 0 0 0 0 7 ANIMAL ID Ō 0 0 006 0 0 0 0 1 0

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

Nephropathy, Chronic 1 1 1 1 5 1.0

M .. Missing tissue

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation 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

Experiment Number: 88149-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

1

1 5

Species/Strain: Rat/F 344/N

F 344/N Rat Male

Test Type: 14-DAY

Route: GAVAGE

32 MG/KG

DAY ON TEST 0 0 0 0 0 0 *1 7 1 7 1 7 1 7* 0 0 0 0 0 0 0 1 2 ANIMAL ID Õ 0 0 0 0 0

*TOTALS

Alimentary System

Liver Hepatocyte, Cytoplasmic Alteration 1 1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen	+	+	+	+	+	5		
Hematopoietic Cell Proliferation	2	2	2	1	1		5	1.6
Thymus	+	+	+	+	+	5		
Hemorrhage			1				1	1.0
Thymocyte, Atrophy	1	1	2	1	1		5	1.2

Integumentary 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

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 21232-47-3

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 18:58:02

First Dose M/F: NA / NA

F 344/N	Rat	Male
32 MG/	KG	

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
ANIMAL ID	1	1	1	1	1
	7	7	7	7	7
	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	1	2	3	4	5

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

5 1.0 Nephropathy, Chronic 1 1 1 1

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

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

Route: GAVAGE CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Experiment Number: 88149-01

F 344/N Rat Male 80 MG/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
ANIMAL ID	1	1	1	1	1
	7	7	7	7	7
	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	2
	6	7	8	9	0

*TOTALS

Alimentary System

Liver	+	+	+	+	+	5		
Hematopoietic Cell Proliferation	1						1	1.0
Hepatocyte, Cytoplasmic Alteration			1	1	2		3	1.3

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen	+	+	+	+	+	5		
Hematopoietic Cell Proliferation	2	2	2	2	2		5	2.0
Thymus	+	+	+	+	+	5		
Thymocyte, Atrophy	2	1	2	2	2		5	1.8

Integumentary System

NONE

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

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

^{* ..}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: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 80 MG/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
ANUMAL ID	1	1	1	1	1
	7	7	7	7	7
	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	2
	6	7	8	9	0

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney + + + + + +

Nephropathy, Chronic 1 1 1 1 5 1.0

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

^{+ ..} Tissue examined microscopically

Experiment Number: 88149-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

	DAY ON TEST	O	0	
F 344/N Rat Male	DAY ON TEST	0	0	
r 344/IN Nat Iviale		1	1	
200 MG/KG		7	7	
	ANIMAI ID	0	0	

*TOTALS

Alimentary System

Liver	+	+	+	+	+	5		
Hematopoietic Cell Proliferation		1					1	1.0
Hepatocyte, Cytoplasmic Alteration	1	1	2		1		4	1.3

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen	+	+	+	+	+	5		
Hematopoietic Cell Proliferation	2	2	2	2	2		5	2.0
Thymus	+	+	+	+	+	5		
Thymocyte, Atrophy	3	2	2	3	2		5	2.4

Integumentary 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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

F 344/	N	Rat	Male
200	V	IG/K	G

NAME OF THE OF	_	_	_	_	
DAY ON TEST	0	0	0	U	0
	0	0	0	0	0
ANIMAL ID	1	1	1	1	1
	7	7	7	7	7
	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	2	0 2 2	2	2	2 5
	1	2	2	4	5

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

 Kidney
 +
 +
 +
 +
 +
 +
 5

 Hemorrhage, Focal
 1
 1
 1
 1
 1
 1
 1
 0

 Nephropathy, Chronic
 1
 1
 1
 1
 1
 1
 1
 5
 1.0

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

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014
Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene
CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

F 344	'N Rat Male
500	MG/KG

DAY ON TEST	0	0	0	0	0
	<i>1 7</i>	1 7	1 7	1 7	<i>1 7</i>
ANIMAL ID	0	0	0	0	0
AMINAL ID	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	3
	6	7	8	9	0

*TOTALS

Alimentary System

Liver	+	+	+	+	+	5		
Hepatocyte, Cytoplasmic Alteration	2	2	2	2	2		5	2.0
Stomach, Forestomach	+	+	+	+	+	5		
Stomach, Glandular	+	+	+	+	+	5		

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mesenteric	+	+	+	+	+	5		
Spleen	+	+	+	+	+	5		
Hematopoietic Cell Proliferation	2	2	1	2	1		5	1.6
Thymus	+	+	+	+	+	5		
Thymocyte, Atrophy	3	3	2	3	3		5	2.8

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

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

MG/KG

F 344/N Rat Male

Test Type: 14-DAY

Route: GAVAGE

DAY ON TEST 0 0 0 0 0 0 *1 7 1 7 1 7 1 7* 0 0 0 0 0 0 0 2 7 ANIMAL ID Õ 0 0 2 6 0 0 0 2 2 3

*TOTALS

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney + + + + +

Nephropathy, Chronic 1 1 1 1 4 1.0

END OF MALE DATA

M .. Missing tissue

5

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/22/2014

Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

2) Mild 4) Marked

^{* ..}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: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Female 0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	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
Alimentary System							,
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mesenteric	+	+	+	+	+	5
Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5

Hemorrhage 1 1.0

Integumentary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion present 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

D

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 21232-47-3

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 18:58:02

First Dose M/F: NA / NA

F 344/N Rat Female 0 MG/KG

AY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
ANIMAL ID	7	7	7	7	7
	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	3	3	0 3 3	3	0 3 5
	1	2	3	4	5

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

Mineralization 5 1.2 Nephropathy, Chronic 1 3 1.0

M .. Missing tissue

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation 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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:02

First Dose M/F: NA / NA

Lab: MBA

	DAY ON TEST	0	0	
F 344/N Rat Female	DAY ON TEST	0 1	$\begin{array}{c c} 0 \\ 1 \end{array}$	
12.5 MG/KG		7	7	
	ANIMAI ID	0	0	Γ

0 0 *1 7 1 7* 0 0 Õ Ō 0 0 3 8 0 0 3 7 0 0 0 3 3 4

*TOTALS

Alimentary System

Liver

Inflammation, Focal 1 1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen 2 1.0 Hematopoietic Cell Proliferation **Thymus** Hemorrhage 1 1.0

Integumentary 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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Time Report Requested: 18:58:03

Date Report Requested: 10/22/2014

First Dose M/F: NA / NA

Lab: MBA

F 344/	N Rat	Female
12.5	MG/K	G

DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
ANIMAL ID	0 0 0 3 6	0 0 0 3 7	0 0 0 3 8	0 0 0 3 9	0 0 0 4	

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5		
Cortex, Inflammation, Chronic, Focal	1						1	1.0
Mineralization	1	1	1	1	1		5	1.0
Nephropathy, Chronic		1	1				2	1.0

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

^{+ ..} Tissue examined microscopically

Experiment Number: 88149-01 P09: N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:03

First Dose M/F: NA / NA

Lab: MBA

	DAY ON TEST	0	0	0
F 344/N Rat Female	DAY ON TEST	0	0	0
r 344/N Rai Feiliale		1	1	1
32 MG/KG		7	7	7
	ANIMAL ID	0	0	0
	AMIMAL ID	0	0	0

0 0 0 0 0 0 0 0 0 0 4 4 4 4 4 2 3 4 5 *TOTALS

Alimentary System

Liver + + + + + 5
Hepatocyte, Cytoplasmic Alteration 1 1 1 1 3 1.0

4

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

 Spleen
 +
 +
 +
 +
 +
 5

 Hematopoietic Cell Proliferation
 1
 1
 1
 1
 1
 1
 5
 1.0

 Thymus
 +
 +
 +
 +
 +
 +
 5

 Thymocyte, Atrophy
 1
 1
 1
 1
 3
 1.0

Integumentary 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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 18:58:03

First Dose M/F: NA / NA

F 344/N Rat Female **32 MG/KG**

DAY ON TEST	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
AMINAL ID	0	0	0	0	0
	0	0	0	0	0
	4	4	4	4	4
	1	2	3	4	5

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney Mineralization 4 1.0 Nephropathy, Chronic 3 1.0

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

^{+ ..} Tissue examined microscopically

Experiment Number: 88149-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

Route: GAVAGE CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

F 344/N Rat Female 80 MG/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	4	4	4	4	5
	6	7	8	9	0

*TOTALS

5 1.6

Alimentary System

Liver + + + + 5
Hepatocyte, Cytoplasmic Alteration 2 1 1 2 2

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

 Spleen
 +
 +
 +
 +
 +
 +
 5

 Hematopoietic Cell Proliferation
 1
 1
 1
 1
 2
 5
 1.2

 Thymus
 +
 +
 +
 +
 +
 +
 5

 Thymocyte, Atrophy
 1
 2
 1
 2
 4
 1.5

Integumentary 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

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 18:58:03

First Dose M/F: NA / NA

Lab: MBA

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 21232-47-3

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 18:58:03

First Dose M/F: NA / NA

F3	344/N	Rat	Female
80	MG/k	(G	

DAY ON TEST	0	0	0	0	0
	1 7	1 7	1 7	1 7	1 7
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0 5
	6	7	8	9	0

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney Mineralization 5 1.0 Nephropathy, Chronic 3 1.0

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

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:03

First Dose M/F: NA / NA

Lab: MBA

	DAY ON TEST	0	0	0	0	0	
344/N Rat Female 00 MG/KG		0 1	0	0 1	0 1	0 1	
200 MG/KG		7	7	7	7	7	
	ANIMAL ID	0	0	0	0	0	

AT ON 1EST	U	U	U	U	U	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
AMIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	5	5	5	5	5	
	1	2	3	4	5	

*TOTALS

Alimentary System

Liver

2 2 2 Hepatocyte, Cytoplasmic Alteration 5 1.6

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen Hematopoietic Cell Proliferation 5 1.6 Thymus 2 2 Thymocyte, Atrophy 5 1.8

Integumentary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation 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

D

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:03

First Dose M/F: NA / NA

Lab: MBA

F 344/	N Rat Female
200	MG/KG

		ı —	ı —	ı —	ı —
AY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIIMAL ID	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	5	5 2	5 3	5	5
	1	2	3	4	5

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

 Kidney
 +
 +
 +
 +
 +
 +
 5

 Mineralization
 1
 1
 1
 1
 3
 1.0

 Nephropathy, Chronic
 1
 1
 1
 1
 1
 4
 1.0

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

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

Experiment Number: 88149-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 21232-47-3

Date Report Requested: 10/22/2014 Time Report Requested: 18:58:03 First Dose M/F: NA / NA

Lab: MBA

F 344/	N Rat Female
500	MG/KG

DAY ON TEST	0	0	0	0	0
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	5	5	5	5	6
	6	7	8	9	0

*TOTALS

Alimentary System

Liver	+	+	+	+	+	5		
Hepatocyte, Cytoplasmic Alteration	2	2	2	2	2		5	2.0
Stomach, Forestomach	+	+	+	+	+	5		
Stomach, Glandular	+	+	+	+	+	5		

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mesenteric	+	+	+	+	+	5		
Spleen	+	+	+	+	+	5		
Congestion					1		1	1.0
Hematopoietic Cell Proliferation	1	1	1		1		4	1.0
Thymus	+	+	+	+	+	5		

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

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene

CAS Number: 21232-47-3

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/22/2014

Time Report Requested: 18:58:03

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Female MG/KG 500

DAY ON TEST 0 0 0 0 0 0 *1 7 1 7 1 7 1 7* 0 0 0 0 0 0 0 5 7 ANIMAL ID Õ 0 0 0 0 5 6 0 0 5 8 5 9 6 *TOTALS 3 2 2 2 2 5 2.2

Thymocyte, Atrophy

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

Mineralization 4 1.0 5 1.0 Nephropathy, Chronic 1 1 1 1

** END OF REPORT **

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

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1-4 ..Lesion qualified as:

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