

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>C Number:</b>	C88148
<b>Lock Date:</b>	01/19/1994
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-1

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Kidney	* Liver	* Lymph Node, Mesenteric	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-2

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Liver	* Lymph Node, Mesenteric	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 17 <b>HISTO:</b> MB172G-3
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus		

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**OBSERVATIONS**

* Kidney	Inflammation	Focal, Minimal
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Note: INFLAMMATION IS SUBACUTE.

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-4

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Kidney	* Liver	* Lymph Node, Mesenteric	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 17 <b>HISTO:</b> MB172G-5
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus		

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**OBSERVATIONS**

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 12.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-6

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney

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**OBSERVATIONS**

Spleen	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 12.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-7

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

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**OBSERVATIONS**

Spleen	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 12.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-8

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney	Spleen
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

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<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 12.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-9
<b>OBSERVATIONS</b>			
Kidney		Nephropathy	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
<hr/>			
<b>PRIMARY CAUSE OF DEATH</b>	-		
<hr/>			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 10

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-10

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**OBSERVATIONS**

Kidney

Nephropathy

Chronic, Minimal

Spleen

Hematopoietic Cell Proliferation

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 11

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 32 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-11

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney

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**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 12

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 32 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-12

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 13

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 32 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-13

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**OBSERVATIONS**

Kidney

Nephropathy

Chronic, Minimal

Spleen

Hematopoietic Cell Proliferation

Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 14

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 32 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-14

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 15

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 32 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-15

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 16

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 80 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-16

---

**OBSERVATIONS**

Kidney

Nephropathy

Chronic, Minimal

Spleen

Hematopoietic Cell Proliferation

Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 17

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 80 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-17

---

**OBSERVATIONS**

Kidney

Nephropathy

Chronic, Minimal

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 18

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 80 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-18

---

**OBSERVATIONS**

Kidney

Renal Tubule

Accumulation, Hyaline Droplet

Minimal

Spleen

Hematopoietic Cell Proliferation

Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 19

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 80 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-19

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 20

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 80 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-20

---

**OBSERVATIONS**

Kidney

Renal Tubule

Accumulation, Hyaline Droplet

Minimal

Nephropathy

Chronic, Minimal

Spleen

Hematopoietic Cell Proliferation

Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 200 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-21

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 22

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-22

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**OBSERVATIONS**

Kidney

Nephropathy

Chronic, Minimal

Spleen

Hematopoietic Cell Proliferation

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 23	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 200 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-23

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

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**OBSERVATIONS**

Liver	Hepatodiaphragmatic Nodule	Mild
[ Hepatodiaphragmatic Nodule TGLS = 1-2 ]		
Spleen	Hematopoietic Cell Proliferation	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 24

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-24

---

**OBSERVATIONS**

Kidney

Renal Tubule

Accumulation, Hyaline Droplet

Minimal

Nephropathy

Chronic, Minimal

Spleen

Hematopoietic Cell Proliferation

Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 25

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 17

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-25

---

**OBSERVATIONS**

Kidney

Nephropathy

Chronic, Minimal

Spleen

Hematopoietic Cell Proliferation

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 26	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 500 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-26

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular
* Thymus			

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 27	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 500 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-27

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular
* Thymus			

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet Nephropathy	Mild Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 28	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 500 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-28

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular
* Thymus			

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet Nephropathy	Minimal Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 29	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 500 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-29

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular
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---

**OBSERVATIONS**

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet Nephropathy	Mild Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hemorrhage	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 30	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 500 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-30

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular
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---

**OBSERVATIONS**

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet Nephropathy	Minimal Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hemorrhage	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 31

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-31

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lymph Node, Mesenteric

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Chronic, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 7 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 17 <b>HISTO:</b> MB172G-32
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Stomach, Glandular			

---

**OBSERVATIONS**

* Kidney		Mineralization	Mild
		Nephropathy	Chronic, Minimal
* Thymus		Hemorrhage	Minimal

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 33	<b>TRT#:</b> 7 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 17 <b>HISTO:</b> MB172G-33
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus		

---

**OBSERVATIONS**

* Kidney	Nephropathy	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 34	<b>TRT#:</b> 7 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 17 <b>HISTO:</b> MB172G-34
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus		

---

**OBSERVATIONS**

* Kidney	Mineralization	Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 35

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-35

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lymph Node, Mesenteric

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 36

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-36

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 37

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-37

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 38

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-38

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 39

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-39

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 40

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-40

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Spleen

---

**OBSERVATIONS**

Liver

Hepatodiaphragmatic Nodule

Minimal

[ Hepatodiaphragmatic Nodule TGLS = 1-2 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 41

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 32 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-41

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 42

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 32 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-42

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 43

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 32 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-43

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 44

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 32 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-44

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 45

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 32 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-45

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 46

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 80 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-46

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 47

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 80 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-47

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 48

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 80 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-48

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 49

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 80 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-49

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 50

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 80 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-50

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 51

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-51

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 52

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-52

---

**OBSERVATIONS**

Liver  
[ Hepatodiaphragmatic Nodule TGLS = 1-2 ]

Hepatodiaphragmatic Nodule

Mild

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 53

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-53

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 54

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-54

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene

**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 07:43:38

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 55

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 17

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB172G-55

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 56	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 500 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-56

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular
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**OBSERVATIONS**

* Kidney		Nephropathy	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus	Thymocyte	Atrophy	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 57	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 500 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-57

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular
* Thymus			

---

**OBSERVATIONS**

* Kidney	Mineralization	Minimal
Ovary	Cyst	Mild
[ Cyst TGLS = 1-4 ]		
* Spleen	Hematopoietic Cell Proliferation	Minimal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 58	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 500 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-58

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular
* Thymus			

---

**OBSERVATIONS**

* Kidney	Nephropathy	Chronic, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 59	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 500 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-59

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular
* Thymus			

---

**OBSERVATIONS**

* Kidney	Nephropathy	Chronic, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88148-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 07:43:38  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 60	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 17
	<b>DOSE:</b> 500 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB172G-60

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Liver	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular
* Thymus			

---

**OBSERVATIONS**

* Kidney	Mineralization	Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH -

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**\*\* END OF REPORT \*\***