

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

C Number:	C88148B
Lock Date:	10/02/2001
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0103961
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Lung
* Mammary Gland	* Pancreas	* Skin	* Spleen
* Stomach, Forestomach	* Tongue		

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Minimal
* Nose	Squam Epithel	Inflammation	Minimal
* Pituitary Gland		Cyst	Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0103962
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Small, Duodenum	* Lung	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Tongue	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
* Nose	Nerve	Degeneration	Mild
	Squam Epithel	Inflammation	Mild
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0103963
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Tongue

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
* Nose	Squam Epithel	Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0103964
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Lung
* Mammary Gland	* Pancreas	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Tongue	

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Nose	Squam Epithel	Inflammation	Minimal
* Pituitary Gland		Cyst	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0103965
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Tongue		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitium	Infiltration Cellular	Mononuclear CI, Minimal
* Nose	Respirat Epith	Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0103966
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Lung
* Mammary Gland	* Pancreas	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Tongue

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia Infiltration Cellular	Minimal Mixed Cell, Minimal
* Nose	Nerve	Degeneration	Minimal
* Pituitary Gland		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Mammary Gland
* Skin
* Tongue

* Adrenal Medulla
* Nose
* Stomach, Forestomach

* Intestine Small, Duodenum
* Pancreas
* Thymus

* Lung
* Pituitary Gland
* Thyroid Gland

OBSERVATIONS

* Liver
* Spleen

Infiltration Cellular
Hematopoietic Cell Proliferation

Mixed Cell, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0103968
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Tongue

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Mammary Gland
* Skin
* Tongue

* Adrenal Medulla
* Nose
* Spleen

* Intestine Small, Duodenum
* Pancreas
* Stomach, Forestomach

* Lung
* Pituitary Gland
* Thymus

OBSERVATIONS

* Liver
* Thyroid Gland

Infiltration Cellular
Ultimobranchial Cyst

Mixed Cell, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Intestine Small, Duodenum

* Mammary Gland

* Pancreas

* Pituitary Gland

* Skin

* Spleen

* Stomach, Forestomach

* Thymus

* Tongue

OBSERVATIONS

* Liver

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Alveolar Epith

Metaplasia

Bronchiolar, Minimal

* Nose

Nerve

Degeneration

Minimal

* Thyroid Gland

Ultimobranchial Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 21

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

* Thymus

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

Infiltration Cellular

Mixed Cell, Minimal

Necrosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 22

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

* Thymus

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Necrosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

* Thymus

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

* Thymus

OBSERVATIONS

* Liver

Clear Cell Focus

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Interstitialium

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 25

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

* Thymus

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia
Infiltration Cellular

Minimal
Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

* Thymus

OBSERVATIONS

* Liver

Infiltration Cellular

Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 27

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

* Thymus

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia
Infiltration Cellular

Minimal
Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 0.3 MG/KG	DISP: Terminal Sacrifice	HISTO: 0103981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver	Hepatocyte	Hypertrophy Infiltration Cellular	Minimal Mixed Cell, Minimal
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 32

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

* Thymus

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

* Lung

Alveolar Epith

Infiltration Cellular

Mixed Cell, Minimal

Metaplasia

Bronchiolar, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 34

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

OBSERVATIONS

* Liver

Bile Duct

Clear Cell Focus

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Interstitialium

Infiltration Cellular

Mononuclear CI, Minimal

Infiltration Cellular

Histiocyte, Minimal

Alveolar Epith

Metaplasia

Bronchiolar, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 0.3 MG/KG	DISP: Terminal Sacrifice	HISTO: 0103985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Lung	* Spleen	* Thymus	
OBSERVATIONS			
* Liver	Bile Duct	Hyperplasia Infiltration Cellular	Minimal Mixed Cell, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 0.3 MG/KG	DISP: Terminal Sacrifice	HISTO: 0103986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 0.3 MG/KG	DISP: Terminal Sacrifice	HISTO: 0103987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen	* Thymus
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OBSERVATIONS

* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 0.3 MG/KG	DISP: Terminal Sacrifice	HISTO: 0103989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung	* Spleen	* Thymus
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OBSERVATIONS

* Liver	Bile Duct	Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 40

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

OBSERVATIONS

* Liver

Clear Cell Focus

* Lung

Interstitialium

Infiltration Cellular

Mononuclear CI, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 1.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Thymus

OBSERVATIONS

* Liver

Infiltration Cellular

Mixed Cell, Minimal

Necrosis

Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0103993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen	* Thymus
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OBSERVATIONS

* Liver	Bile Duct	Hyperplasia Infiltration Cellular	Minimal Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular Inflammation	Mononuclear CI, Minimal Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0103994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver	Bile Duct Hepatocyte	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Mild Mixed Cell, Minimal
* Lung	Interstitium	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 45

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 1.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103995

OBSERVATIONS

* Liver	Bile Duct Hepatocyte	Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Mixed Cell, Minimal
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Infiltration Cellular	Polymorphnuclr, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 47

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 1.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0103997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

* Thymus

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia
Infiltration Cellular

Minimal
Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0103999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen	* Thymus
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OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 3.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver		Fatty Change	Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 3.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 3.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

OBSERVATIONS

* Liver		Clear Cell Focus	Minimal
		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 3.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 3.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen * Thymus

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 3.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung * Spleen

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 3.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver	Hepatocyte	Hematopoietic Cell Proliferation	Minimal
		Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 59

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 3.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 11	SEX: Male	DAY ON TEST: 93
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver	Hepatocyte	Hematopoietic Cell Proliferation Hypertrophy Infiltration Cellular	Minimal Minimal Mixed Cell, Minimal
* Lung	Interstitialium Alveolar Epith	Infiltration Cellular Metaplasia	Mononuclear CI, Minimal Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62	TRT#: 11	SEX: Male	DAY ON TEST: 93
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitial	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104013

OBSERVATIONS

* Liver	Bile Duct Hepatocyte	Hematopoietic Cell Proliferation Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Minimal Mixed Cell, Minimal
* Lung	Interstitialium Alveolar Epith	Infiltration Cellular Metaplasia	Mononuclear CI, Minimal Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64	TRT#: 11	SEX: Male	DAY ON TEST: 93
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Alveolus	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104015

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66	TRT#: 11	SEX: Male	DAY ON TEST: 93
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67	TRT#: 11	SEX: Male	DAY ON TEST: 93
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104017

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104018

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104019

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 70

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104020

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
		Infiltration Cellular	Histiocyte, Mild
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71

TRT#: 13

SEX: Male

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104021

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Mineralization	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 72

TRT#: 13

SEX: Male

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104022

OBSERVATIONS

* Liver

Fatty Change

Minimal

Hematopoietic Cell Proliferation

Minimal

Bile Duct

Hyperplasia

Minimal

Hepatocyte

Hypertrophy

Mild

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Interstitial

Infiltration Cellular

Mononuclear CI, Minimal

* Spleen

Hematopoietic Cell Proliferation

Mild

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 13

SEX: Male

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104023

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 74

TRT#: 13

SEX: Male

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104024

OBSERVATIONS

* Liver

Hepatocyte

Fatty Change
Hematopoietic Cell Proliferation
Hypertrophy

Minimal

Minimal

Moderate

* Lung

Interstitialium
Alveolar Epith

Infiltration Cellular
Infiltration Cellular

Mixed Cell, Minimal

Mononuclear CI, Minimal

* Spleen

Metaplasia
Hematopoietic Cell Proliferation

Bronchiolar, Minimal

Mild

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 13

SEX: Male

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104025

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
		Mineralization	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 76

TRT#: 13

SEX: Male

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104026

OBSERVATIONS

* Liver

Fatty Change

Minimal

Hematopoietic Cell Proliferation

Minimal

Bile Duct

Hyperplasia

Minimal

Hepatocyte

Hypertrophy

Moderate

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Interstitialium

Infiltration Cellular

Mononuclear CI, Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 13

SEX: Male

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104027

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 13

SEX: Male

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104028

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 79

TRT#: 13

SEX: Male

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104029

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 13

SEX: Male

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104030

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81	TRT#: 15	SEX: Male	DAY ON TEST: 93
	DOSE: 100.00 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Tongue

OBSERVATIONS

* Liver		Fatty Change	Mild
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitial	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Nose	Respirat Epith	Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82	TRT#: 15	SEX: Male	DAY ON TEST: 93
	DOSE: 100.00 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Tongue		

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Nose	Nerve	Degeneration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83	TRT#: 15	SEX: Male	DAY ON TEST: 93
	DOSE: 100.00 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Tongue			

MISSING

* Spleen	* Thymus
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OBSERVATIONS

* Liver		Fatty Change	Mild
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitial	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Nose	Squam Epithel	Inflammation	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 15	SEX: Male	DAY ON TEST: 93
	DOSE: 100.00 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Tongue		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 85

TRT#: 15

SEX: Male

DAY ON TEST: 93

DOSE: 100.00 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Intestine Small, Duodenum

* Mammary Gland

* Nose

* Pancreas

* Pituitary Gland

* Skin

* Stomach, Forestomach

* Thyroid Gland

* Tongue

OBSERVATIONS

* Liver

Fatty Change

Minimal

Hematopoietic Cell Proliferation

Minimal

Bile Duct

Hyperplasia

Minimal

Hepatocyte

Hypertrophy

Moderate

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Interstitial

Infiltration Cellular

Mononuclear CI, Minimal

Alveolar Epith

Metaplasia

Bronchiolar, Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 15	SEX: Male	DAY ON TEST: 93
	DOSE: 100.00 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Tongue		

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Mixed Cell, Mild
* Lung	Interstitial	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Nose	Squam Epithel	Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87	TRT#: 15	SEX: Male	DAY ON TEST: 93
	DOSE: 100.00 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Tongue	

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitial	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Nose	Squam Epithel	Inflammation	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 88

TRT#: 15

SEX: Male

DAY ON TEST: 93

DOSE: 100.00 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Intestine Small, Duodenum

* Mammary Gland

* Nose

* Pancreas

* Pituitary Gland

* Skin

* Stomach, Forestomach

* Thyroid Gland

* Tongue

OBSERVATIONS

* Liver

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hepatocyte

Hypertrophy

Moderate

Infiltration Cellular

Mixed Cell, Mild

* Lung

Interstitialium

Infiltration Cellular

Mononuclear CI, Minimal

Alveolar Epith

Metaplasia

Bronchiolar, Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 89

TRT#: 15

SEX: Male

DAY ON TEST: 93

DOSE: 100.00 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Intestine Small, Duodenum

* Mammary Gland

* Nose

* Pancreas

* Pituitary Gland

* Skin

* Stomach, Forestomach

* Thyroid Gland

* Tongue

OBSERVATIONS

* Liver

Fatty Change

Minimal

Hematopoietic Cell Proliferation

Minimal

Bile Duct

Hyperplasia

Minimal

Hepatocyte

Hypertrophy

Moderate

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Interstitial

Infiltration Cellular

Mononuclear CI, Minimal

Alveolar Epith

Metaplasia

Bronchiolar, Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90	TRT#: 15 DOSE: 100.00 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0104040
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Tongue

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 101

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Mammary Gland
* Pituitary Gland
* Tongue

* Adrenal Medulla
* Nose
* Skin
* Uterus

* Intestine Small, Duodenum
* Ovary
* Stomach, Forestomach
* Vagina

* Lung
* Pancreas
* Thymus

OBSERVATIONS

* Liver
* Spleen
* Thyroid Gland

Infiltration Cellular
Hematopoietic Cell Proliferation
Ultimobranchial Cyst

Mixed Cell, Minimal
Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Nose
* Spleen
* Tongue

* Adrenal Medulla
* Ovary
* Stomach, Forestomach
* Uterus

* Intestine Small, Duodenum
* Pancreas
* Thymus
* Vagina

* Mammary Gland
* Pituitary Gland
* Thyroid Gland

OBSERVATIONS

* Liver

Bile Duct

Hematopoietic Cell Proliferation

Minimal

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Perivascular

Infiltration Cellular

Polymorphnuclr, Minimal

* Skin

Subcut Tiss

Inflammation

Suppurative, Mild

Note: Inflammation coded under skin was observed in the nasal section, and involved muscle, fascia, and subcutis.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Nose
* Skin
* Tongue

* Adrenal Medulla
* Ovary
* Spleen
* Uterus

* Intestine Small, Duodenum
* Pancreas
* Thymus
* Vagina

* Mammary Gland
* Pituitary Gland
* Thyroid Gland

OBSERVATIONS

* Liver
* Lung
* Stomach, Forestomach

Alveolar Epith
Epithelium

Infiltration Cellular
Metaplasia
Diverticulum
Hyperplasia

Mixed Cell, Minimal
Bronchiolar, Minimal
Focal, Minimal

Note: There is a small submucosal diverticulum lined by gastric glands, near the limiting ridge, in the forestomach. This is likely a congenital abnormality.

[Diverticulum TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0104044
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Tongue	* Uterus	* Vagina	

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia Infiltration Cellular	Minimal Mixed Cell, Minimal
* Nose	Nerve	Degeneration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 105

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Mammary Gland
* Pituitary Gland
* Thymus
* Vagina

* Adrenal Medulla
* Nose
* Skin
* Thyroid Gland

* Intestine Small, Duodenum
* Ovary
* Spleen
* Tongue

* Lung
* Pancreas
* Stomach, Forestomach
* Uterus

OBSERVATIONS

* Liver

Infiltration Cellular

Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0104046
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Small, Duodenum	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Tongue	* Uterus	* Vagina	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Nose	Nerve	Degeneration	Minimal
	Squam Epithel	Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0104047
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Tongue	* Uterus	* Vagina

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0104048
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Tongue	* Uterus	* Vagina

OBSERVATIONS

* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Nose	Nerve	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Ovary
* Spleen
* Tongue

* Intestine Small, Duodenum
* Pancreas
* Stomach, Forestomach
* Vagina

* Lung
* Pituitary Gland
* Thymus

* Nose
* Skin
* Thyroid Gland

INSUFFICIENT TISSUE

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Liver
* Uterus

Endometrium

Hypertrophy
Infiltration Cellular
Hyperplasia

Minimal
Mixed Cell, Minimal
Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0104050
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Tongue	* Uterus	* Vagina

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
* Thyroid Gland	Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121	TRT#: 4	SEX: Female	DAY ON TEST: 93
	DOSE: 0.1 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver

Clear Cell Focus

Hematopoietic Cell Proliferation

Minimal

Bile Duct

Hyperplasia

Minimal

* Lung

Infiltration Cellular

Histiocyte, Minimal

Alveolar Epith

Metaplasia

Bronchiolar, Minimal

Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Thymus

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia
Infiltration Cellular

Minimal
Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 4
DOSE: 0.1 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0104056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung * Thymus

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127	TRT#: 4	SEX: Female	DAY ON TEST: 93
	DOSE: 0.1 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia Infiltration Cellular	Minimal Mixed Cell, Minimal
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128	TRT#: 4	SEX: Female	DAY ON TEST: 93
	DOSE: 0.1 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 129

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 0.1 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 131

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

Spleen

Hematopoietic Cell Proliferation

Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia Infiltration Cellular	Minimal Mixed Cell, Minimal
* Thymus		Atrophy	Minimal
Uterus		Atrophy	Marked

Note: The right uterine horn is severely aplastic, comprising only a small amount of smooth muscle with no apparent lumen or endometrial surface.

[Atrophy TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 134

TRT#: 6

DOSE: 0.3 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0104064

OBSERVATIONS

* Liver

Bile Duct

Hematopoietic Cell Proliferation

Minimal

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Infiltration Cellular

Histiocyte, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 135

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104065

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Interstitialium

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 138

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

* Lung

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139	TRT#: 6	SEX: Female	DAY ON TEST: 93
	DOSE: 0.3 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex * Lung

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 140

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 0.3 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 141

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104071

OBSERVATIONS

* Liver

Bile Duct

Hematopoietic Cell Proliferation

Minimal

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Fibrosis

Focal, Minimal

Infiltration Cellular

Histiocyte, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 143

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104073

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

* Lung

Alveolar Epith

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Metaplasia

Bronchiolar, Minimal

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 144

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 145

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Thymus

OBSERVATIONS

* Liver

Bile Duct

Hematopoietic Cell Proliferation

Minimal

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 146

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104076

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

* Lung

Interstitialium

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Infiltration Cellular

Mononuclear CI, Minimal

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 147

TRT#: 8

DOSE: 1.0 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0104077

OBSERVATIONS

* Liver

Bile Duct

Hematopoietic Cell Proliferation

Minimal

Hyperplasia

Minimal

* Lung

Interstitialium

Infiltration Cellular

Mixed Cell, Minimal

Infiltration Cellular

Mononuclear CI, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Necrosis	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 150

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 151

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Thymus

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

Infiltration Cellular

Mixed Cell, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 152

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver Bile Duct Hyperplasia Minimal

* Thymus Atrophy Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 153

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Thymus

OBSERVATIONS

* Liver

Infiltration Cellular

Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 3.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

Eye

Hemorrhage

Mild

Note: The hemorrhage is likely due to trauma from bleeding antemortem.

[Hemorrhage TGLS = 1-7]

* Liver

Bile Duct

Hyperplasia

Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 155

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Thymus

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia
Infiltration Cellular

Minimal
Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 3.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 158

TRT#: 10
DOSE: 3.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0104088

OBSERVATIONS

Eye Note: Phthisis bulbi. [Inflammation TGLS = 1-7]		Inflammation	Chronic Active, Marked
* Liver	Bile Duct Hepatocyte	Hematopoietic Cell Proliferation Hyperplasia Hypertrophy Infiltration Cellular	Mild Minimal Minimal Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 159

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104089

OBSERVATIONS

* Liver

Bile Duct

Hematopoietic Cell Proliferation

Minimal

Hyperplasia

Minimal

* Lung

Interstitialium

Infiltration Cellular

Mixed Cell, Minimal

Infiltration Cellular

Mononuclear CI, Minimal

Infiltration Cellular

Histiocyte, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Thymus		Atrophy	Minimal
		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

Eye

Inflammation

Chronic Active, Marked

Note: Right eye is phthisic and inflamed; the lens has ruptured. This lesion is due to trauma from orbital bleeding.

[Inflammation TGLS = 1-7]

* Liver

Hematopoietic Cell Proliferation

Minimal

Bile Duct

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver

Bile Duct
Hepatocyte

Hematopoietic Cell Proliferation
Hyperplasia
Hypertrophy
Infiltration Cellular

Minimal
Minimal
Moderate
Mixed Cell, Minimal

* Spleen

Hematopoietic Cell Proliferation
Pigmentation

Minimal
Hemosiderin, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver

Bile Duct
Hepatocyte

Hematopoietic Cell Proliferation

Minimal

Hyperplasia

Minimal

Hypertrophy

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 165

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104095

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

Bile Duct

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Thymus

Atrophy

Minimal

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 166

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

OBSERVATIONS

* Liver

Bile Duct
Hepatocyte

Hematopoietic Cell Proliferation
Hyperplasia
Hypertrophy
Infiltration Cellular
Atrophy

Minimal
Minimal
Minimal
Mixed Cell, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Thymus

OBSERVATIONS

* Liver

Bile Duct

Hematopoietic Cell Proliferation

Minimal

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Spleen

OBSERVATIONS

* Liver

Bile Duct

Hematopoietic Cell Proliferation

Minimal

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Thymus

OBSERVATIONS

* Liver

Bile Duct
Hepatocyte

Clear Cell Focus
Hyperplasia
Hypertrophy
Infiltration Cellular
Pigmentation

Minimal
Minimal
Mixed Cell, Minimal
Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver

Bile Duct
Hepatocyte

Clear Cell Focus
Hematopoietic Cell Proliferation
Hyperplasia
Hypertrophy
Infiltration Cellular
Pigmentation
Atrophy

Minimal
Minimal
Minimal
Mixed Cell, Minimal
Hemosiderin, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171	TRT#: 14	SEX: Female	DAY ON TEST: 93
	DOSE: 30.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 14

SEX: Female

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver

Hepatocyte

Hematopoietic Cell Proliferation

Minimal

Hypertrophy

Mild

Infiltration Cellular

Mixed Cell, Minimal

* Spleen

Hematopoietic Cell Proliferation

Mild

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 173

TRT#: 14

SEX: Female

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

OBSERVATIONS

* Liver

Bile Duct

Hematopoietic Cell Proliferation

Minimal

Hyperplasia

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Spleen

Pigmentation

Hemosiderin, Minimal

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174

TRT#: 14

SEX: Female

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104104

OBSERVATIONS

* Liver	Bile Duct Hepatocyte	Hematopoietic Cell Proliferation Hyperplasia Hypertrophy Infiltration Cellular	Minimal Minimal Minimal Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Minimal Hemosiderin, Minimal
* Thymus		Atrophy Hyperplasia	Minimal Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175	TRT#: 14	SEX: Female	DAY ON TEST: 93
	DOSE: 30.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176

TRT#: 14
DOSE: 30.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0104106

OBSERVATIONS

* Liver	Hepatocyte	Hematopoietic Cell Proliferation Hypertrophy Infiltration Cellular	Minimal Mild Mixed Cell, Minimal
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 14

SEX: Female

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

* Lung

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

Bile Duct

Hyperplasia

Minimal

Hepatocyte

Hypertrophy

Minimal

Infiltration Cellular

Mixed Cell, Minimal

* Spleen

Pigmentation

Hemosiderin, Minimal

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/HSD

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: 07:49:01

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 179

TRT#: 14

SEX: Female

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104109

OBSERVATIONS

* Liver

Bile Duct

Hematopoietic Cell Proliferation

Minimal

* Lung

Alveolar Epith

Hyperplasia

Minimal

* Spleen

Infiltration Cellular

Mixed Cell, Minimal

* Thymus

Metaplasia

Bronchiolar, Minimal

Pigmentation

Hemosiderin, Minimal

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180

TRT#: 14

SEX: Female

DAY ON TEST: 93

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104110

OBSERVATIONS

* Liver	Hepatocyte	Hematopoietic Cell Proliferation Hypertrophy Infiltration Cellular	Minimal Minimal Mixed Cell, Minimal
* Lung	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy Cyst	Minimal Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181	TRT#: 16	SEX: Female	DAY ON TEST: 93
	DOSE: 100.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Tongue	* Uterus
* Vagina			

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Inflammation	Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 16

SEX: Female

DAY ON TEST: 93

DOSE: 100.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Tongue
* Uterus	* Vagina		

OBSERVATIONS

* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183	TRT#: 16	SEX: Female	DAY ON TEST: 93
	DOSE: 100.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Tongue	* Uterus
* Vagina			

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitial	Infiltration Cellular	Mononuclear CI, Minimal
* Nose	Squam Epithel	Inflammation	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184	TRT#: 16	SEX: Female	DAY ON TEST: 93
	DOSE: 100.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Tongue
* Uterus	* Vagina		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Spleen		Fibrosis	Minimal
	[Fibrosis TGLS = 1-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185	TRT#: 16	SEX: Female	DAY ON TEST: 93
	DOSE: 100.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Tongue
* Uterus	* Vagina		

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitialium	Infiltration Cellular	Mononuclear CI, Mild
		Infiltration Cellular	Histiocyte, Mild
Oral Mucosa	Gingival	Inflammation	Minimal
Note: Inflammation involves the gingiva around an incisor.			
* Pancreas		Basophilic Focus	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186

TRT#: 16

SEX: Female

DAY ON TEST: 93

DOSE: 100.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Tongue	* Uterus
* Vagina			

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Infiltration Cellular	Mononuclear CI, Minimal
* Nose	Nerve	Degeneration	Minimal
	Squam Epithel	Inflammation	Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187	TRT#: 16	SEX: Female	DAY ON TEST: 93
	DOSE: 100.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Tongue	* Uterus
* Vagina			

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolar Epith	Metaplasia	Bronchiolar, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188	TRT#: 16	SEX: Female	DAY ON TEST: 93
	DOSE: 100.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Tongue	* Uterus
* Vagina			

OBSERVATIONS

* Liver	Hepatocyte	Hematopoietic Cell Proliferation	Minimal
		Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose	Nerve	Degeneration	Mild
	Squam Epithel	Inflammation	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189	TRT#: 16	SEX: Female	DAY ON TEST: 93
	DOSE: 100.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Tongue	* Uterus
* Vagina			

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Interstitium	Infiltration Cellular	Mononuclear CI, Minimal
* Nose	Squam Epithel	Inflammation	Minimal
Oral Mucosa	Gingival	Inflammation	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88148-05
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/HSD

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: 07:49:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190	TRT#: 16	SEX: Female	DAY ON TEST: 93
	DOSE: 100.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0104120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Tongue	* Uterus	* Vagina	

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****