

**Experiment Number:** 98004 - 01  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Hexachlorobenzene  
**CAS Number:** 118-74-1

**Date Report Requested:** 06/29/2016  
**Time Report Requested:** 10:13:17  
**First Dose M/F:** NA / 01/10/01  
**Lab:** BAT

**NTP Study Number:** C98004  
**Lock Date:** 01/17/2002  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Female  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 1

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104221

**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	Tooth	* Uterus	* Vagina

**OBSERVATIONS**

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet Nephropathy	Minimal Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lung		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Minimal Hemosiderin, Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 2

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104222

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Papilla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Tongue	Vein	Dysplasia	Minimal

Note: There is a focal venous endothelial proliferation - probably a congenital anomaly - in the tongue of this animal.

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 3

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104223

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Papilla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Ovary	Corpus Luteum	Cyst	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

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First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 4

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Lung  
\* Pituitary Gland  
\* Thyroid Gland  
\* Vagina

\* Adrenal Medulla  
\* Mammary Gland  
\* Skin  
\* Tongue

\* Intestine Small, Duodenum  
\* Nose  
\* Stomach, Forestomach  
Tooth

\* Liver  
\* Pancreas  
\* Thymus  
\* Uterus

**OBSERVATIONS**

\* Kidney  
Oral Mucosa  
\* Ovary  
\* Spleen

Papilla  
Gingival  
Corpus Luteum

Mineralization  
Inflammation  
Cyst  
Pigmentation

Minimal  
Minimal  
Minimal  
Hemosiderin, Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 5

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104225

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Lung  
\* Pancreas  
\* Thymus  
\* Uterus

\* Adrenal Medulla  
\* Mammary Gland  
\* Pituitary Gland  
\* Thyroid Gland  
\* Vagina

\* Intestine Small, Duodenum  
\* Nose  
\* Skin  
\* Tongue

\* Kidney  
\* Ovary  
\* Stomach, Forestomach  
Tooth

**OBSERVATIONS**

\* Liver  
Oral Mucosa  
\* Spleen

Gingival

Infiltration Cellular  
Inflammation  
Pigmentation

Mixed Cell, Minimal  
Minimal  
Hemosiderin, Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104226

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

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**ANIMAL ID:** 7

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104227

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Nose  
\* Skin  
Tooth

\* Adrenal Medulla  
\* Ovary  
\* Stomach, Forestomach  
\* Uterus

\* Intestine Small, Duodenum  
\* Pancreas  
\* Thymus  
\* Vagina

\* Mammary Gland  
\* Pituitary Gland  
\* Tongue

---

**OBSERVATIONS**

\* Kidney  
\* Liver  
\* Lung  
\* Spleen  
\* Thyroid Gland

Nephropathy  
Infiltration Cellular  
Inflammation  
Pigmentation  
Ultimobranchial Cyst

Minimal  
Mixed Cell, Minimal  
Chronic, Minimal  
Hemosiderin, Minimal

---



Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 8

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104228

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Papilla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung	Perivascular	Infiltration Cellular	Polymorphnuclr, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104229

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Lung  
\* Pancreas  
\* Thyroid Gland  
\* Vagina

\* Adrenal Medulla  
\* Mammary Gland  
\* Pituitary Gland  
\* Tongue

\* Intestine Small, Duodenum  
\* Nose  
\* Skin  
Tooth

\* Kidney  
\* Ovary  
\* Stomach, Forestomach  
\* Uterus

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule  
Infiltration Cellular

Mixed Cell, Mild

[ Hepatodiaphragmatic Nodule TGLs = 1-8 ]

Oral Mucosa

Gingival

Inflammation

Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

\* Thymus

Cyst

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104230

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Mammary Gland  
\* Pituitary Gland  
\* Thyroid Gland  
\* Vagina

\* Adrenal Medulla  
\* Nose  
\* Skin  
\* Tongue

\* Intestine Small, Duodenum  
\* Ovary  
\* Stomach, Forestomach  
Tooth

\* Liver  
\* Pancreas  
\* Thymus  
\* Uterus

---

**OBSERVATIONS**

\* Kidney  
\* Lung  
\* Spleen

Nephropathy  
Inflammation  
Pigmentation

Minimal  
Chronic, Minimal  
Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

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Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 11

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.03 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104231

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung  
Thyroid Gland

Mammary Gland  
Tooth

Skin

Thymus

---

**OBSERVATIONS**

Liver  
Spleen

Infiltration Cellular  
Pigmentation

Mixed Cell, Minimal  
Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 12

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.03 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104232

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung  
Thyroid Gland

Mammary Gland  
Tooth

Skin

Thymus

---

**OBSERVATIONS**

Liver  
Spleen

Clear Cell Focus  
Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 13

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.03 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104233

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

Lung

Mammary Gland

Skin

Thymus

Thyroid Gland

Tooth

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 14

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.03 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104234

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Mammary Gland

Skin

Thymus

Tooth

---

**OBSERVATIONS**

Liver

Infiltration Cellular

Mixed Cell, Minimal

Lung

Inflammation

Chronic, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Thyroid Gland

Ultimobranchial Cyst

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 15

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.03 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104235

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Mammary Gland

Skin

Thymus

Tooth

---

**OBSERVATIONS**

Liver

Infiltration Cellular

Mixed Cell, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Thyroid Gland

---

Ultimobranchial Cyst

---



Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 16

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.03 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104236

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Lung

Skin

Thymus

Tooth

**OBSERVATIONS**

Liver

Infiltration Cellular

Mixed Cell, Minimal

Mammary Gland

Hyperplasia

Mild

Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

Thyroid Gland

Ultimobranchial Cyst

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 17

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.03 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104237

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Skin

Thymus

Thyroid Gland

Tooth

---

**OBSERVATIONS**

Liver

Infiltration Cellular

Mixed Cell, Minimal

Mammary Gland

Hyperplasia

Mild

Spleen

Hematopoietic Cell Proliferation

Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 18

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.03 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104238

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

Lung

Mammary Gland

Skin

Thymus

Thyroid Gland

Tooth

---

**OBSERVATIONS**

Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 19

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.03 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104239

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

Lung

Mammary Gland

Skin

Thymus

Thyroid Gland

Tooth

---

**OBSERVATIONS**

Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 20

TRT#: 2

SEX: Female

DAY ON TEST: 85

DOSE: 0.03 MG/KG

DISP: Moribund Sacrifice

HISTO: 0104240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                 |                                     |                                  |                     |
|-----------------|-------------------------------------|----------------------------------|---------------------|
| * Kidney        | Papilla                             | Mineralization                   | Minimal             |
|                 | Cortex                              | Mineralization                   | Mild                |
|                 |                                     | Nephropathy                      | Minimal             |
| * Liver         |                                     | Infiltration Cellular            | Mixed Cell, Minimal |
| * Mammary Gland |                                     | Basal Cell Carcinoma             |                     |
|                 | [ Basal Cell Carcinoma TGLs = 1-8 ] |                                  |                     |
| * Spleen        |                                     | Hematopoietic Cell Proliferation | Minimal             |
| * Thymus        |                                     | Atrophy                          | Marked              |
|                 | [ Atrophy TGLs = 2-6 ]              |                                  |                     |

PRIMARY CAUSE OF DEATH - Mammary Gland Basal Cell Carcinoma

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 21

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.1 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104241

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung  
Thyroid Gland

Mammary Gland  
Tooth

Skin

Thymus

---

**OBSERVATIONS**

Liver  
Spleen

Infiltration Cellular  
Hematopoietic Cell Proliferation  
Pigmentation

Mixed Cell, Minimal  
Minimal  
Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 22

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.1 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104242

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

Lung

Mammary Gland

Skin

Thymus

Thyroid Gland

Tooth

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 23

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.1 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104243

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver  
Thyroid Gland

Mammary Gland  
Tooth

Skin

Thymus

---

**OBSERVATIONS**

Lung  
Spleen

Inflammation  
Pigmentation

Chronic, Minimal  
Hemosiderin, Minimal

---



Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 24

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.1 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104244

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Mammary Gland

Skin

Thymus

Tooth

---

**OBSERVATIONS**

Liver

Infiltration Cellular

Mixed Cell, Minimal

Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

Thyroid Gland

Ultimobranchial Cyst

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 25

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.1 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104245

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung  
Thyroid Gland

Mammary Gland  
Tooth

Skin

Thymus

---

**OBSERVATIONS**

Liver  
Spleen

Clear Cell Focus  
Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 26

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.1 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104246

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Mammary Gland

Skin

Thymus

Tooth

---

**OBSERVATIONS**

Liver

Infiltration Cellular

Mixed Cell, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Thyroid Gland

Ultimobranchial Cyst

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 27

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.1 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104247

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung  
Thyroid Gland

Mammary Gland  
Tooth

Skin

Thymus

---

**OBSERVATIONS**

Liver  
Spleen

Infiltration Cellular  
Pigmentation

Mixed Cell, Minimal  
Hemosiderin, Mild

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 28

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.1 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104248

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

Lung

Skin

Thymus

Thyroid Gland

Tooth

---

**OBSERVATIONS**

Mammary Gland

Hyperplasia

Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 29

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.1 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104249

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

Lung

Mammary Gland

Skin

Thymus

Tooth

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

Thyroid Gland

Ultimobranchial Cyst

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 30

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.1 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104250

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Mammary Gland

Thymus

Thyroid Gland

Tooth

---

**OBSERVATIONS**

Liver

Infiltration Cellular

Mixed Cell, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 31

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104251

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung  
\* Thyroid Gland

\* Mammary Gland  
Tooth

\* Skin

\* Thymus

---

**OBSERVATIONS**

\* Liver  
\* Spleen

Infiltration Cellular  
Pigmentation

Mixed Cell, Minimal  
Hemosiderin, Minimal

---



Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 32

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104252

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Mammary Gland  
Tooth

\* Skin

\* Thymus

\* Thyroid Gland

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Lung

Inflammation

Chronic, Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 33

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104253

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

Tooth

---

**OBSERVATIONS**

\* Liver

Hematopoietic Cell Proliferation

Moderate

Infiltration Cellular

Mixed Cell, Minimal

[ Hematopoietic Cell Proliferation TGLs = 1-8 ]

\* Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 34

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104254

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

Tooth

---

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

Infiltration Cellular

Mixed Cell, Minimal

[ Hepatodiaphragmatic Nodule TGLs = 1-8 ]

\* Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 35

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104255

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

Tooth

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Lung

Inflammation

Chronic, Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

\* Thyroid Gland

Ultimobranchial Cyst

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 36

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104256

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

Tooth

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 37

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104257

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

Tooth

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 38

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104258

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

Tooth

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 39

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104259

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Mammary Gland

\* Skin

\* Thymus

Tooth

---

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Mild

\* Thyroid Gland

Ultimobranchial Cyst

---



Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 40

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104260

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

Tooth

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 41

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104261

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

Tooth

---

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 42

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104262

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Lung

Inflammation

Chronic, Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 43

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104263

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung  
Tooth

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver  
\* Mammary Gland  
\* Spleen

Infiltration Cellular  
Hyperplasia  
Hematopoietic Cell Proliferation  
Pigmentation

Mixed Cell, Minimal  
Minimal  
Minimal  
Hemosiderin, Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 44

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104264

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Lung

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

---

**OBSERVATIONS**

\* Spleen

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 45

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104265

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

Tooth

---

**OBSERVATIONS**

\* Lung

Inflammation

Chronic, Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 46

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104266

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Liver

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Lung

Bronchiole

Hyperplasia

Minimal

Alveolar Epith

Hyperplasia

Minimal

Inflammation

Chronic, Mild

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 47

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104267

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland  
Tooth

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

\* Lung

\* Spleen

Bronchiole  
Alveolar Epith

Infiltration Cellular  
Hyperplasia  
Hyperplasia  
Inflammation  
Pigmentation

Mixed Cell, Minimal  
Minimal  
Minimal  
Chronic, Mild  
Hemosiderin, Minimal



Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 48

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104268

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Lung

Inflammation

Chronic, Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 49

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104269

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Skin

\* Thymus

\* Thyroid Gland

Tooth

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Mild

\* Lung

Inflammation

Chronic, Minimal

\* Mammary Gland

Hyperplasia

Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 50

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104270

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Lung

Inflammation

Chronic, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Tooth

Incisor

Pigmentation

Hemosiderin, Minimal

Degeneration

Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 51

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104271

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

**OBSERVATIONS**

\* Liver

\* Lung

\* Spleen

Tooth

Alveolus

Incisor

Infiltration Cellular

Inflammation

Inflammation

Hematopoietic Cell Proliferation

Pigmentation

Degeneration

Mixed Cell, Mild

Suppurative, Minimal

Chronic, Minimal

Minimal

Hemosiderin, Minimal

Mild

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 52

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104272

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lung		Inflammation	Chronic, Minimal
* Skin	Hair Follicle	Inflammation	Chronic Active, Focal, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
Tooth	Incisor	Degeneration	Mild

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 53

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104273

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

---

**OBSERVATIONS**

\* Lung

Inflammation

Chronic, Mild

\* Spleen

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Mild

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 54

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104274

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Hematopoietic Cell Proliferation

Minimal

Hepatodiaphragmatic Nodule

Infiltration Cellular

Mixed Cell, Mild

[ Hepatodiaphragmatic Nodule TGLs = 1-8 ]

\* Mammary Gland

Hyperplasia

Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 55

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104275

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Mild

\* Lung

Inflammation

Chronic, Mild

[ Inflammation TGLs = 1-1 ]

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Mild



Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 56

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104276

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Skin

\* Thymus

\* Thyroid Gland

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Mild

\* Lung

Inflammation

Chronic, Minimal

\* Mammary Gland

Hyperplasia

Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Minimal

---

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 57

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104277

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex  
\* Mammary Gland

\* Adrenal Medulla  
\* Skin

Blood Vessel  
\* Thymus

\* Lung  
\* Thyroid Gland

---

**OBSERVATIONS**

\* Liver  
\* Spleen

Infiltration Cellular  
Hematopoietic Cell Proliferation  
Pigmentation  
Degeneration

Mixed Cell, Mild  
Minimal  
Hemosiderin, Minimal  
Minimal

---

Tooth

Incisor

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 58

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104278

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Lung

Inflammation

Chronic, Mild

[ Inflammation TGLs = 1-1 ]

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 59

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104279

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mixed Cell, Minimal

\* Lung

Inflammation

Chronic, Mild

\* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 60

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 3.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

OBSERVATIONS

\* Liver

Clear Cell Focus

Infiltration Cellular

Mixed Cell, Mild

\* Lung

Inflammation

Chronic, Mild

[ Inflammation TGLs = 1-1 ]

\* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Mild

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 61

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104281

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Hepatocyte

Hypertrophy

Minimal

Infiltration Cellular

Mixed Cell, Mild

Inflammation

Chronic, Mild

Hyperplasia

Minimal

\* Lung

\* Mammary Gland

\* Skin

\* Spleen

Dermis

Infiltration Cellular

Mononuclear CI, Minimal

Hyperplasia

Lymphoid, Minimal

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 62

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104282

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Hepatocyte

Hypertrophy

Minimal

Infiltration Cellular

Mixed Cell, Mild

Inflammation

Chronic, Mild

\* Lung

Hyperplasia

Mild

\* Mammary Gland

Hematopoietic Cell Proliferation

Mild

\* Spleen

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Mild

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 63

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104283

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

**OBSERVATIONS**

* Liver	Hepatocyte	Hypertrophy Infiltration Cellular	Minimal Mixed Cell, Mild
* Lung	Bronchiole	Hyperplasia Inflammation	Minimal Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation Hyperplasia Pigmentation	Mild Lymphoid, Minimal Hemosiderin, Minimal
* Thyroid Gland		Ultimobranchial Cyst	
Tooth	Incisor	Degeneration	Mild



Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 64

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104284

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Hepatocyte

Hematopoietic Cell Proliferation

Minimal

Hypertrophy

Mild

Infiltration Cellular

Mixed Cell, Mild

\* Lung

Bronchiole

Hyperplasia

Minimal

Inflammation

Chronic, Mild

\* Spleen

Hematopoietic Cell Proliferation

Minimal

Tooth

Incisor

Degeneration

Mild

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 65

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104285

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Hepatocyte

Hypertrophy

Minimal

Infiltration Cellular

Mixed Cell, Mild

\* Lung

Inflammation

Chronic, Mild

\* Spleen

Hyperplasia

Lymphoid, Minimal

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Mild

Trachea

Degeneration

Mild

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 66

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104286

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Hepatocyte

Hypertrophy

Minimal

Infiltration Cellular

Mixed Cell, Mild

Inflammation

Chronic, Mild

\* Lung

Hematopoietic Cell Proliferation

Minimal

\* Spleen

Hyperplasia

Lymphoid, Minimal

Tooth

Incisor

Degeneration

Moderate

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 67

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104287

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Mammary Gland

\* Skin

\* Thymus

**OBSERVATIONS**

\* Liver

Hepatocyte

Hypertrophy

Minimal

\* Lung

Infiltration Cellular

Mixed Cell, Minimal

\* Spleen

Inflammation

Chronic, Mild

\* Thyroid Gland

Hyperplasia

Lymphoid, Minimal

Pigmentation

Hemosiderin, Minimal

Ultimobranchial Cyst

Tooth

Incisor

Degeneration

Moderate

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 68

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104288

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Hepatocyte

Hypertrophy

Minimal

Infiltration Cellular

Mixed Cell, Mild

Inflammation

Chronic, Mild

\* Lung

Hyperplasia

Minimal

\* Mammary Gland

Hematopoietic Cell Proliferation

Mild

\* Spleen

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Mild

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

---

**ANIMAL ID:** 69

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104289

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

---

**OBSERVATIONS**

\* Liver

\* Lung

\* Spleen

Infiltration Cellular

Inflammation

Hyperplasia

Pigmentation

Degeneration

Mixed Cell, Minimal

Chronic, Minimal

Lymphoid, Minimal

Hemosiderin, Minimal

Mild

---

Tooth

Incisor

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

**ANIMAL ID:** 70

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0104290

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Mammary Gland

\* Skin

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Liver

Hepatocyte

Hypertrophy

Minimal

Infiltration Cellular

Mixed Cell, Mild

\* Lung

Inflammation

Chronic, Minimal

\* Spleen

Pigmentation

Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Mild

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 71

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Ovary
- \* Thyroid Gland

- \* Adrenal Medulla
- \* Pancreas
- \* Tongue

- \* Intestine Small, Duodenum
- \* Pituitary Gland
- \* Uterus

- \* Nose
- \* Stomach, Forestomach
- \* Vagina

OBSERVATIONS

- \* Kidney

- \* Liver

Hepatocyte

Nephropathy

Hypertrophy

Infiltration Cellular

Inflammation

Hyperplasia

Inflammation

Minimal

Minimal

Mixed Cell, Mild

Chronic, Mild

Minimal

Suppurative, Mild

- \* Lung

- \* Mammary Gland

- \* Skin

[ Inflammation TGLs = 1-8 ]

- \* Spleen

Hyperplasia

Pigmentation

Atrophy

Lymphoid, Minimal

Hemosiderin, Minimal

- \* Thymus

Minimal

- Tooth

Incisor

Degeneration

Mild



Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 72

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
\* Ovary  
\* Thymus  
\* Vagina

\* Adrenal Medulla  
\* Pancreas  
\* Thyroid Gland

\* Intestine Small, Duodenum  
\* Pituitary Gland  
\* Tongue

\* Nose  
\* Stomach, Forestomach  
\* Uterus

OBSERVATIONS

* Kidney	Papilla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Mild
* Lung		Inflammation	Chronic, Mild
* Mammary Gland		Hyperplasia	Mild
* Skin		Inflammation	Suppurative, Moderate
	[ Inflammation TGLs = 1-8 ]		
* Spleen		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Hemosiderin, Minimal
Tooth	Incisor	Degeneration	Moderate

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 73

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Ovary
- \* Thyroid Gland

- \* Adrenal Medulla
- \* Pancreas
- \* Tongue

- \* Intestine Small, Duodenum
- \* Pituitary Gland
- \* Uterus

- \* Nose
- \* Stomach, Forestomach
- \* Vagina

OBSERVATIONS

* Kidney	Papilla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Lung	Interstitialium	Fibrosis	Focal, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Skin		Inflammation	Suppurative, Mild
		Ulcer	Minimal
	[ Inflammation TGLs = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Minimal
* Thymus		Atrophy	Minimal
Tooth	Incisor	Degeneration	Moderate

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 74

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104294

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Mixed Cell, Mild
* Lung		Inflammation	Chronic, Mild
* Mammary Gland		Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal
Tooth	Incisor	Degeneration	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 75

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Ovary
- \* Thymus

- \* Adrenal Medulla
- \* Pancreas
- \* Tongue

- \* Intestine Small, Duodenum
- \* Pituitary Gland
- \* Uterus

- \* Nose
- \* Stomach, Forestomach
- \* Vagina

OBSERVATIONS

- \* Kidney
- \* Liver

Papilla  
Hepatocyte

Mineralization  
Hypertrophy  
Infiltration Cellular  
Vacuolization Cytoplasmic  
Inflammation  
Hyperplasia  
Inflammation  
Ulcer

Minimal  
Minimal  
Mixed Cell, Mild  
Focal, Minimal  
Chronic, Mild  
Minimal  
Suppurative, Moderate  
Mild

- \* Lung
- \* Mammary Gland
- \* Skin

[ Inflammation TGLs = 1-8 ]

- \* Spleen

Hyperplasia  
Pigmentation  
Ultimobranchial Cyst  
Degeneration

Lymphoid, Minimal  
Hemosiderin, Minimal  
Moderate

- \* Thyroid Gland
- Tooth

Incisor

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 76

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Ovary
- \* Thymus

- \* Adrenal Medulla
- \* Pancreas
- \* Thyroid Gland

- \* Intestine Small, Duodenum
- \* Pituitary Gland
- \* Tongue

- \* Nose
- \* Stomach, Forestomach
- \* Vagina

OBSERVATIONS

- \* Kidney
- \* Liver
- \* Lung
- \* Mammary Gland
- \* Skin

Hepatocyte

Nephropathy  
 Hypertrophy  
 Infiltration Cellular  
 Inflammation  
 Hyperplasia  
 Inflammation  
 Ulcer

Minimal  
 Mild  
 Mixed Cell, Mild  
 Chronic, Mild  
 Minimal  
 Suppurative, Moderate  
 Minimal

[ Inflammation TGLs = 1-8 ]

- \* Spleen

Hematopoietic Cell Proliferation  
 Hyperplasia  
 Pigmentation

Mild  
 Lymphoid, Minimal  
 Hemosiderin, Minimal

Tooth

Incisor

Degeneration

Moderate

- \* Uterus

Endometrium

Hyperplasia

Cystic, Mild

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 77

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Ovary
- \* Tongue

- \* Adrenal Medulla
- \* Pancreas
- \* Uterus

- \* Intestine Small, Duodenum
- \* Pituitary Gland
- \* Vagina

- \* Nose
- \* Stomach, Forestomach

OBSERVATIONS

- \* Kidney

- \* Liver

Hepatocyte

Nephropathy

Minimal

Hypertrophy

Minimal

Infiltration Cellular

Mixed Cell, Mild

Inflammation

Chronic, Mild

- \* Lung

Hyperplasia

Minimal

- \* Mammary Gland

Inflammation

Suppurative, Mild

- \* Skin

Ulcer

Mild

[ Inflammation TGLs = 1-8 ]

- \* Spleen

Hematopoietic Cell Proliferation

Mild

Hyperplasia

Lymphoid, Minimal

Pigmentation

Hemosiderin, Minimal

- \* Thymus

Cyst

- \* Thyroid Gland

Ultimobranchial Cyst

- Tooth

Incisor

Degeneration

Moderate

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 78

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Ovary
- \* Thymus
- \* Vagina

- \* Adrenal Medulla
- \* Pancreas
- \* Thyroid Gland

- \* Intestine Small, Duodenum
- \* Pituitary Gland
- \* Tongue

- \* Nose
- \* Stomach, Forestomach
- \* Uterus

OBSERVATIONS

- \* Kidney
- \* Liver
- \* Lung
- \* Mammary Gland
- \* Skin

Hepatocyte

Nephropathy  
 Hypertrophy  
 Infiltration Cellular  
 Inflammation  
 Hyperplasia  
 Inflammation  
 Ulcer

Minimal  
 Mild  
 Mixed Cell, Mild  
 Chronic, Mild  
 Minimal  
 Suppurative, Moderate  
 Mild

[ Inflammation TGLs = 1-8 ]

- \* Spleen

Hematopoietic Cell Proliferation  
 Hyperplasia  
 Pigmentation  
 Degeneration

Mild  
 Lymphoid, Minimal  
 Hemosiderin, Minimal  
 Moderate

Tooth

Incisor

Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 79

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Ovary
- \* Thymus
- \* Vagina

- \* Adrenal Medulla
- \* Pancreas
- \* Thyroid Gland

- \* Intestine Small, Duodenum
- \* Pituitary Gland
- \* Tongue

- \* Nose
- \* Stomach, Forestomach
- \* Uterus

OBSERVATIONS

- \* Kidney
- \* Liver
- \* Lung
- \* Mammary Gland
- \* Skin

Hepatocyte

Nephropathy  
 Hypertrophy  
 Infiltration Cellular  
 Inflammation  
 Hyperplasia  
 Inflammation  
 Ulcer

Minimal  
 Mild  
 Mixed Cell, Mild  
 Chronic, Mild  
 Minimal  
 Suppurative, Mild  
 Minimal

[ Inflammation TGLs = 1-8 ]

- \* Spleen

Hyperplasia  
 Pigmentation  
 Degeneration

Lymphoid, Minimal  
 Hemosiderin, Minimal  
 Moderate

Tooth

Incisor



Experiment Number: 98004 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Hexachlorobenzene

CAS Number: 118-74-1

Date Report Requested: 06/29/2016

Time Report Requested: 10:13:17

First Dose M/F: NA / 01/10/01

Lab: BAT

ANIMAL ID: 80

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0104300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                  |                   |                             |          |
|------------------|-------------------|-----------------------------|----------|
| * Adrenal Cortex | * Adrenal Medulla | * Intestine Small, Duodenum | * Nose   |
| * Pancreas       | * Pituitary Gland | * Stomach, Forestomach      | * Thymus |
| * Thyroid Gland  | * Tongue          | * Uterus                    | * Vagina |

OBSERVATIONS

- |   |                             |                                  |                      |
|---|-----------------------------|----------------------------------|----------------------|
| * Kidney  | Papilla                     | Mineralization                   | Minimal              |
|   |                             | Nephropathy                      | Minimal              |
| * Liver   | Hepatocyte                  | Hypertrophy                      | Minimal              |
|   |                             | Infiltration Cellular            | Mixed Cell, Mild     |
| * Lung  |                             | Inflammation                     | Chronic, Mild        |
| * Mammary Gland   |                             | Hyperplasia                      | Minimal              |
| * Ovary   | Corpus Luteum               | Cyst                             |                      |
| * Skin  |                             | Inflammation                     | Suppurative, Mild    |
|   |                             | Ulcer                            | Mild                 |
|   | [ Inflammation TGLs = 1-8 ] |                                  |                      |
| * Spleen  |                             | Hematopoietic Cell Proliferation | Mild                 |
|   |                             | Pigmentation                     | Hemosiderin, Minimal |
| Note: This spleen has aberrant bulges - TGL-2 - which comprise normal splenic tissue microscopically. These are congenital anomalies of no clinical significance. |                             |                                  |                      |
| Tooth   | Incisor                     | Degeneration                     | Moderate             |

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