

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C07001
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_001

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver  
Lung

Bronchiole

Congestion, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_002

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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<b>ANIMAL ID:</b> 1_003	<b>TRT#:</b> 1 <b>DOSE:</b> 100.0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Kidney Lung	Tubule	Degeneration, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos	
	Bronchus	Inflammation, Nos Necrosis, Nos Inflammation, Nos Hyperplasia, Nos Fibrosarcoma Oncolysis	
Nasal cavity Spleen Unspecified			
<b>PRIMARY CAUSE OF DEATH</b>	-		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_004

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
Lung		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Prostate		Abscess, Nos
Trachea		Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney		Cyst, Nos
	Tubule	Degeneration, Nos
		Inflammation, Interstitial
Larynx		Hyperplasia, Nos
Lung		Atelectasis
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Pleura Nos	Hypertrophy, Nos
		Necrosis, Nos
Nasal cavity		Squamous Cell Carcinoma
Trachea		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos Congestion, Nos
	Tubule	Degeneration, Hyaline
	Tubule	Degeneration, Nos
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Nasal cavity	Septum Nos	Metaplasia, Squamous
	Septum Nos	Squamous Cell Carcinoma Squamous Cell Carcinoma, Invasive
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_007

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx  
Lung

Bronchiole

Bronchus

Inflammation, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_008

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Hemorrhage
Larynx		Inflammation, Nos Metaplasia, Squamous
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hemorrhage Hyperplasia, Atypical Inflammation, Focal
	Bronchus	Inflammation, Nos Necrosis, Nos Sclerosis
Spleen		Congestion, Nos Fibrosis Hemosiderosis
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_009

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchiole	Abscess, Nos
		Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Nasal cavity		Metaplasia, Squamous
		Squamous Cell Papilloma
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_011

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Abscess, Nos
		Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_012

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Calcinosis, Nos Degeneration, Hyaline
	Tubule	Degeneration, Nos Congestion, Nos
Liver		Atelectasis
Lung		Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline
	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Lung	Bronchiole	Bronchiolectasis
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Metaplasia, Squamous
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_014

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung		Congestion, Nos Edema, Nos Hyperplasia, Nos
Nasal cavity	Turbinate Nos Ethmoid Sinus Nos	Squamous Cell Carcinoma Squamous Cell Carcinoma, Invasive Squamous Cell Carcinoma, Invasive

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_015

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Fibrosis Sclerosis
Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_016

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Chronic
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos
Stomach		Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin

**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:55:05

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

**Lab:** NA

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**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney	Glomerulus	Degeneration, Hyaline
	Tubule	Degeneration, Hyaline
	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_018

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline
	Tubule	Degeneration, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_019

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Glomerulus	Degeneration, Hyaline
	Tubule	Degeneration, Hyaline
	Tubule	Degeneration, Nos
		Hyperplasia, Tubular Cell
		Lymphocytic Inflammatory Infiltrate
		Sclerosis
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Bronchiole

Abscess, Nos  
Bronchiolectasis  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Lymph node

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_021

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Lung

Inflammation, Nos  
Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos

Lymph node  
Trachea

Pretracheal Lymph Node

Inflammation, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_022

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node		Lymphoma, Nos-Malignant
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_023

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_025

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Glomerulus	Degeneration, Hyaline
	Tubule	Degeneration, Hyaline
	Tubule	Degeneration, Nos
		Lymphocytic Inflammatory Infiltrate
Larynx		Hyperplasia, Nos
Lung		Abscess, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx	Hyperplasia, Nos
Liver	Congestion, Nos
Lung	Abscess, Nos
	Congestion, Nos
	Edema, Nos
	Hyperplasia, Nos
	Inflammation, Nos
Nasal cavity	Metaplasia, Squamous
Trachea	Inflammation, Nos
	Metaplasia, Squamous

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver  
Lung

Bronchus

Congestion, Nos  
Bronchiectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Nasal cavity

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver

Congestion, Nos  
Necrosis, Nos

Lung

Bronchus

Bronchiectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Lymph node

Pretracheal Lymph Node  
Pretracheal Lymph Node

Hyperplasia, Nos  
Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Nephrosis, Nos
Liver	Congestion, Chronic Metamorphosis, Fatty
Lung	Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Spleen	Hemorrhage Hypertrophy, Nos Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Bronchiectasis Congestion, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Hemorrhage Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_031

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Lung	Bronchiole	Abscess, Nos
		Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_033

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney  
Lung

Tubule  
Bronchiole

Degeneration, Nos  
Bronchiolectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Necrosis, Nos

Lymph node  
Trachea

Cervical Lymph Node Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_034

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Congestion, Nos
	Pretracheal Lymph Node	Lymphangiectasis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_035

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Calcification, Nos
	Glomerulus	Degeneration, Hyaline
	Tubule	Degeneration, Hyaline
	Tubule	Degeneration, Nos
		Perivasculitis
Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_036

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
		Atelectasis
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline
	Tubule	Degeneration, Nos
		Fibrosis
Larynx		Inflammation, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Pleura Nos	Hypertrophy, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Nasal cavity		Squamous Cell Carcinoma
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_038

**TRT#:** 1  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Fibrosis
Lung		Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Necrosis, Nos
Trachea		Hyperplasia, Nos Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hemorrhage
	Pretracheal Lymph Node	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Fibrosis
Lung	Bronchiole	Abscess, Nos Atelectasis Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Lymphangiectasis
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Fibrosis
		Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cytoplasmic Vacuolization
	Tubule	Degeneration, Nos
	Tubule	Necrosis, Nos
Larynx		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
		Necrosis, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hemorrhage
	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
		Inflammation, Nos
		Metaplasia, Squamous
Liver		Congestion, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Fibrosis
		Hyperplasia, Atypical
Trachea		Inflammation, Acute
		Hyperplasia, Nos
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Metaplasia, Squamous
Lymph node	Pretracheal Lymph Node	Necrosis, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
		Necrosis, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Inflammation, Nos
		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney

Liver

Lung

Bronchiole

Trachea

Inflammation, Nos

Congestion, Nos

Necrosis, Nos

Abscess, Nos

Bronchiolectasis

Congestion, Nos

Hyperplasia, Nos

Inflammation, Nos

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Fibrosis
		Hyperplasia, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Abscess, Nos
		Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Inflammation, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Congestion, Nos Edema, Nos Emphysema, Nos Hyperplasia, Nos Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Pleura Nos	Hypertrophy, Nos
		Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Tubule  
Bronchiole

Degeneration, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Glomerulus	Atrophy, Nos
	Tubule	Cast, Nos
	Tubule	Cytoplasmic Vacuolization
	Tubule	Degeneration, Hyaline
	Tubule	Degeneration, Nos
	Tubule	Dilatation, Nos
Larynx		Inflammation, Nos
		Inflammation, Nos
		Necrosis, Nos
Liver		Congestion, Nos
	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Alveoli	Hypertrophy, Nos
Trachea		Inflammation, Nos
		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>ANIMAL ID:</b> 2_016	<b>TRT#:</b> 2 <b>DOSE:</b> 0	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Kidney	Tubule	Congestion, Nos Degeneration, Nos Inflammation, Nos Necrosis, Nos	
Larynx		Inflammation, Nos	
Liver	Portal Tract	Congestion, Nos Lymphocytic Inflammatory Infiltrate	
Lung		Abscess, Nos Congestion, Nos Edema, Nos Hemosiderosis Hyperplasia, Nos	
	Bronchus	Inflammation, Nos Sclerosis	
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos	
Trachea		Lymphocytic Inflammatory Infiltrate	
<b>PRIMARY CAUSE OF DEATH</b>			
-			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Calcinosis, Nos
Larynx	Inflammation, Chronic Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Liver	Congestion, Nos
Lung	Abscess, Nos Congestion, Nos Hyperplasia, Nos Inflammation, Nos
Trachea	Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Hyperplasia, Nos
		Inflammation, Nos
Thyroid		Hyperplasia, Nos
		Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Prostate		Abscess, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_001

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Hemorrhage
		Necrosis, Nos
Lung		Congestion, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Lymphocytic Inflammatory Infiltrate
Nasal cavity		Hemorrhage
		Inflammation, Nos
	Turbinate Nos	Necrosis, Nos
		Necrosis, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_002

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Nos
Larynx		Inflammation, Nos
Liver		Metamorphosis, Fatty
Lung		Atelectasis
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
		Inflammation, Necrotizing
		Metaplasia, Squamous
Lymph node	Hilar Lymph Node	Hyperplasia, Nos
	Hilar Lymph Node	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_003

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_004

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Axillary Lymph Node Inguinal Lymph Node Pretracheal Lymph Node	Hyperplasia, Nos Hyperplasia, Nos Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_005

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver  
Lung

Bronchus

Congestion, Nos  
Abscess, Nos  
Bronchiectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Nasal cavity

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_006

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Inflammation, Interstitial
Lung	Abscess, Nos
	Edema, Nos
	Hyperplasia, Nos
	Inflammation, Nos
Nasal cavity	Inflammation, Nos
Trachea	Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_007

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver  
Lung

Bronchiole

Congestion, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_008

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx	Lymphocytic Inflammatory Infiltrate
Lung	Congestion, Nos
	Edema, Nos
	Hyperplasia, Nos
	Inflammation, Nos
Nasal cavity	Metaplasia, Squamous
Trachea	Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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<b>ANIMAL ID:</b> 3_009	<b>TRT#:</b> 3 <b>DOSE:</b> 100.0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> <b>HISTO:</b>
<hr/>			
<b>OBSERVATIONS</b>			
Kidney	Tubule	Atrophy, Nos Cast, Nos	
	Tubule	Degeneration, Nos Congestion, Nos	
Liver		Bronchiectasis	
Lung	Bronchus	Edema, Nos Hyperplasia, Nos Inflammation, Suppurative	
		Inflammation, Nos	
Nasal cavity			
<hr/>			
PRIMARY CAUSE OF DEATH	-		
<hr/>			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_010

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
	Tubule	Necrosis, Nos
		Perivascularitis
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
		Atelectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
		Metaplasia, Squamous
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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<b>ANIMAL ID:</b> 3_011	<b>TRT#:</b> 3 <b>DOSE:</b> 100.0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Lung	Bronchiole	Abscess, Nos Bronchiolectasis Edema, Nos Hyperplasia, Nos	
	Bronchus	Inflammation, Nos Inflammation, Nos	
Lymph node	Axillary Lymph Node	Hyperplasia, Nos	
	Inguinal Lymph Node	Hyperplasia, Nos	
Unspecified	Multiple Organs Nos	Congestion, Nos	
<hr/>			
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_012

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Atelectasis
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
	Pleura Nos	Hypertrophy, Nos
		Metaplasia, Squamous
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hemorrhage
	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_013

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney  
Larynx  
Lung

Bronchus

Trachea  
Unspecified

Multiple Organs Nos

Cyst, Nos  
Hyperplasia, Nos  
Abscess, Nos  
Bronchiectasis  
Congestion, Nos  
Hyperplasia, Atypical  
Hyperplasia, Nos  
Hyperplasia, Nos  
Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_014

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Intestine Large  
Larynx  
Liver  
Lung

Large Intestine, Colon

Pleura Nos

Abscess, Nos  
Lymphocytic Inflammatory Infiltrate  
Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Hemorrhage  
Hyperplasia, Nos  
Hypertrophy, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_015

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Fibrosis Inflammation, Interstitial
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos Metamorphosis, Fatty
Lung		Emphysema, Nos Inflammation, Nos Mucocele
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_016

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Atrophy, Nos Cast, Nos
Larynx	Tubule	Degeneration, Nos Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Suppurative Lymphocytic Inflammatory Infiltrate
Nasal cavity		Hemorrhage Inflammation, Nos Necrosis, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_017

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified                      Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_018

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH** -

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_019

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Larynx		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_020

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Congestion, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_021

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Lung	Bronchiole	Atelectasis
		Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_022

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cyst, Nos
	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Skin		Edema, Nos
		Hyperkeratosis
		Squamous Cell Carcinoma
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_023

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
Trachea		Hyperplasia, Nos
Unspecified		Fibrosis
		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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<b>ANIMAL ID:</b> 3_024	<b>TRT#:</b> 3 <b>DOSE:</b> 100.0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hyperplasia, Nos	
	Bronchus	Inflammation, Nos Inflammation, Nos	
Nasal cavity		Inflammation, Nos	
<b>PRIMARY CAUSE OF DEATH</b>	-		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_025

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_026

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cast, Nos
	Tubule	Degeneration, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
	Bronchus	Inflammation, Nos
Nasal cavity		Inflammation, Nos
Unspecified	Shoulder Nos	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Atypical  
Inflammation, Nos

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_028

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos Hemosiderosis
Lung	Bronchiole	Atelectasis Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Focal
Lymph node	Inguinal Lymph Node Pretracheal Lymph Node	Hyperplasia, Nos Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_029

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Cervical Lymph Node Nos Cervical Lymph Node Nos	Hemorrhage Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Trachea		Metaplasia, Squamous

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_030

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Metaplasia, Squamous Squamous Cell Carcinoma
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_031

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Lung

Bronchiole

Bronchus  
Pretracheal Lymph Node

Lymph node  
Trachea

Inflammation, Nos  
Atelectasis  
Bronchiolectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Focal  
Inflammation, Nos  
Hyperplasia, Nos  
Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_032

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Fibrosis
Larynx		Lymphocytic Inflammatory Infiltrate
Lung		Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Hemorrhage Inflammation, Nos Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_033

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_034

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_036

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Atrophy, Nos Cast, Nos
	Tubule	Dilatation, Nos Glomerulonephritis, Nos
Larynx		Hyperplasia, Nos
Lung		Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Squamous Cell Carcinoma
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_037

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Tubule  
Bronchiole

Degeneration, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Epithelial

Unspecified  
Urinary bladder

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_038

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Necrosis, Nos
Liver		Necrosis, Nos
Lung		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Inguinal Lymph Node	Lymphangiectasis
	Pretracheal Lymph Node	Lymphangiectasis
Unspecified	Multiple Organs Nos	Congestion, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_039

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cast, Nos
	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Squamous Cell Carcinoma
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_040

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney

Tubule

Cast, Nos  
Degeneration, Nos

Lung

Bronchiole

Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Lymph node

Pretracheal Lymph Node  
Pretracheal Lymph Node

Hyperplasia, Nos  
Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_041

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Lymphocytic Inflammatory Infiltrate
Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Nasal cavity	Bronchus	Inflammation, Nos
Pituitary gland		Necrosis, Nos
Trachea		Adenoma, Nos Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_042

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Inflammation, Nos
Trachea		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_043

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Atrophy, Nos Cast, Nos
Lung	Tubule	Degeneration, Nos Congestion, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Metaplasia, Squamous
Spleen		Hemosiderosis Infarct, Hemorrhagic Sclerosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_044

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_045

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
		Papilloma, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_046

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung		Abscess, Nos Congestion, Nos Hyperplasia, Nos
Nasal cavity	Septum Nos	Squamous Cell Carcinoma Squamous Cell Carcinoma, Invasive

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Abscess, Nos  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Squamous Cell Carcinoma

Nasal cavity

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_048

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Congestion, Nos Edema, Nos Emphysema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos Inflammation, Nos
Nasal cavity		

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_049

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Necrosis, Nos

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_050

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cast, Nos Cell-Shape Alteration
Larynx	Tubule	Degeneration, Nos Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_051

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Calcinosis, Nos Inflammation, Interstitial
Liver	Congestion, Nos
Lung	Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_052

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos Degeneration, Nos Sclerosis
Liver		Congestion, Nos
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Hemorrhage
	Bronchus	Hyperplasia, Nos Inflammation, Nos Inflammation, Nos
Trachea		Hyperplasia, Nos
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_053

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cyst, Nos
	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Trachea		Hyperplasia, Atypical

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_054

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Lung

Bronchiole

Inflammation, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Lymph node  
Trachea

Pretracheal Lymph Node

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_055

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Congestion, Nos
Lung		Congestion, Nos
		Inflammation, Nos
Nasal cavity		Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_056

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos Degeneration, Nos Inflammation, Focal Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Larynx		Congestion, Nos Abscess, Nos
Liver	Bronchus	Bronchiectasis Hyperplasia, Nos Inflammation, Nos
Lung		Inflammation, Nos Necrosis, Nos
Nasal cavity		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_057

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung	Abscess, Nos
	Congestion, Nos
	Hyperplasia, Nos
	Inflammation, Nos
Nasal cavity	Inflammation, Nos
Trachea	Hyperplasia, Nos
	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_058

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Atrophy, Nos
		Cast, Nos
	Tubule	Cell-Shape Alteration
Larynx		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Edema, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Pituitary gland		Adenoma, Nos
Seminal vesicle		Fibroma
		Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_059

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Fibrosis
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hemorrhage Hyperplasia, Nos
	Alveoli	Hypertrophy, Nos Necrosis, Nos
Nasal cavity		Squamous Cell Carcinoma
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_060

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Calcification, Nos Cast, Nos
Larynx	Tubule	Degeneration, Nos Inflammation, Nos
Lung		Congestion, Nos Edema, Nos Hyperplasia, Nos
Nasal cavity		Squamous Cell Carcinoma
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_061

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Nos
		Necrosis, Nos
Lymph node	Axillary Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Hyperplasia, Nos
	Axillary Lymph Node	Necrosis, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_062

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Necrosis, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Atypical
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_063

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx		Hyperplasia, Nos Inflammation, Nos
Lung		Congestion, Nos Inflammation, Necrotizing
Lymph node	Pretracheal Lymph Node	Congestion, Nos
Nasal cavity	Pretracheal Lymph Node	Lymphangiectasis
Trachea		Inflammation, Nos Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_064

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Atrophy, Nos Calcification, Nos
Lung	Tubule	Degeneration, Nos Abscess, Nos Congestion, Nos Hyperplasia, Nos
Nasal cavity		Inflammation, Nos Inflammation, Suppurative Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_065

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_066

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Inflammation, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_067

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Cyst, Nos
		Inflammation, Interstitial
Liver		Congestion, Nos
Lung		Congestion, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Sclerosis
Nasal cavity		Squamous Cell Carcinoma
Trachea		Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_068

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Fibrosis
Trachea		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_069

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Larynx  
Lung

Hyperplasia, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Nasal cavity  
Trachea

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_070

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Pituitary gland		Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_071

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung

Inflammation, Interstitial  
Abscess, Nos  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_072

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_073

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Lung

Inflammation, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Nasal cavity

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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<b>ANIMAL ID:</b> 3_074	<b>TRT#:</b> 3 <b>DOSE:</b> 100.0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Kidney		Necrosis, Nos	
Larynx		Necrosis, Nos	
Lung	Bronchiole	Atelectasis	
		Bronchiolectasis	
		Congestion, Nos	
		Edema, Nos	
		Hyperplasia, Nos	
Lymph node	Axillary Lymph Node	Hyperplasia, Nos	
	Pretracheal Lymph Node	Hyperplasia, Nos	
Unspecified	Multiple Organs Nos	Inflammation, Nos	
<hr/> <b>PRIMARY CAUSE OF DEATH</b>			
-			

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_075

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Necrosis, Nos
Larynx		Inflammation, Nos
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Sclerosis
Trachea		Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_076

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos Congestion, Nos
	Tubule	Degeneration, Nos Hyperplasia, Nos
Larynx		Hemorrhage
Liver		Atelectasis
Lung		Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Metaplasia, Squamous
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_077

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney

Tubule

Cast, Nos  
Degeneration, Nos  
Inflammation, Nos  
Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Adenoma, Nos

Larynx

Liver

Lung

Pituitary gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_078

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Larynx		Inflammation, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Emphysema, Nos
		Fibrosis
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
	Cervical Lymph Node Nos	Necrosis, Nos
Nasal cavity		Squamous Cell Carcinoma
Spleen		Congestion, Nos
		Hemosiderosis
		Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_079

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos Glomerulonephritis, Chronic Hyperplasia, Tubular Cell
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_080

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule Tubule	Cast, Nos Dilatation, Nos Fibrosis Inflammation, Focal Lymphocytic Inflammatory Infiltrate
Larynx		Congestion, Nos
Liver		Abscess, Nos
Lung		Congestion, Nos Edema, Nos Inflammation, Nos
Unspecified	Multiple Organs Nos	Cyst, Nos Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_081

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Atrophy, Nos
	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
Liver		Congestion, Nos
Lung		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_082

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Inflammation, Nos
Trachea		Hyperplasia, Nos
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_083

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver		Congestion, Nos
Lung		Atelectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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<b>ANIMAL ID:</b> 3_084	<b>TRT#:</b> 3 <b>DOSE:</b> 100.0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos	
Lymph node	Innominate Lymph Node	Hyperplasia, Nos	
<b>PRIMARY CAUSE OF DEATH</b>			
-			

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_085

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Abscess, Nos
Nasal cavity	Pretracheal Lymph Node	Congestion, Nos Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_086

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule Glomerulus Glomerulus	Cast, Nos Hyperplasia, Nos Hypertrophy, Nos Nephrosis, Nos
Larynx		Hyperplasia, Nos
Liver		Congestion, Nos Necrosis, Nos
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Nasal cavity		Inflammation, Nos Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_087

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_088

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Spleen		Hyperplasia, Nos
Trachea		Hyperplasia, Nos
Unspecified	Leg	Fibroma
	Multiple Organs Nos	Lymphoma, Nos-Malignant

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_089

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney

Tubule  
Tubule

Atrophy, Nos  
Cast, Nos  
Degeneration, Nos  
Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Lung

Nasal cavity

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_090

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cyst, Nos
		Degeneration, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_091

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
	Bronchus	Papilloma, Nos Sclerosis
Nasal cavity		Fibrosis Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_092

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver		Congestion, Nos
	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_093

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Cell-Shape Alteration
	Tubule	Dilatation, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Fibrosis
		Keratin-Pearl Formation
		Necrosis, Nos
		Squamous Cell Carcinoma
Unspecified	Neck	Fibroma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_094

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Liver	Congestion, Nos
Lung	Congestion, Nos
	Edema, Nos
	Hyperplasia, Nos
	Inflammation, Necrotizing
Nasal cavity	Inflammation, Nos
	Necrosis, Nos
Trachea	Hyperplasia, Nos
	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_095

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cell-Shape Alteration
	Tubule	Hypertrophy, Nos
Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Keratin-Pearl Formation
		Squamous Cell Carcinoma
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_096

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 100.0 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Nasal cavity

Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_097

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Bronchus

Congestion, Nos  
Bronchiectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Nasal cavity

Bronchus

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_098

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Lung

Hyperplasia, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_099

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Bronchus

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_100

**TRT#:** 3  
**DOSE:** 100.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Fibrosarcoma

Unspecified

Chest

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_001

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_002

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Necrosis, Nos

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_003

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity	Turbinates Nos	Inflammation, Nos
		Inflammation, Nos
	Mucosa	Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_004

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Tubule

Degeneration, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_005

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 030.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
		Congestion, Nos
	Tubule	Degeneration, Nos
		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
		Atelectasis
		Congestion, Nos
		Edema, Nos
		Fibrosis
		Necrosis, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_006

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Abscess, Nos
	Tubule	Cast, Nos
		Degeneration, Nos
		Fibrosis
		Inflammation, Focal
Larynx		Inflammation, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hyperplasia, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_007

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney

Fibrosis  
Inflammation, Nos

Larynx

Hyperplasia, Nos

Liver

Congestion, Nos

Lung

Bronchiole

Bronchiolectasis

Congestion, Nos

Edema, Nos

Hyperplasia, Nos

Inflammation, Nos

Trachea

Hyperplasia, Nos

Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_008

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Chronic
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Fibrosis Hemorrhage Hyperplasia, Nos Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos Necrosis, Nos
Unspecified	Pretracheal Lymph Node Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_009

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_010

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Pretracheal Lymph Node	Inflammation, Nos Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_011

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney

Tubule  
Tubule

Cast, Nos  
Degeneration, Nos  
Hyperplasia, Nos  
Inflammation, Necrotizing  
Squamous Cell Carcinoma

Lung

Nasal cavity

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_012

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_013

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_014

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchiole	Abscess, Nos Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Trachea		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH** -

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_015

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Adenoma, Nos
Pituitary gland		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_016

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney

Tubule  
Tubule

Cast, Nos  
Degeneration, Nos  
Hyperplasia, Nos  
Abscess, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Lung

Nasal cavity

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_017

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Necrosis, Nos

Bronchus

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_018

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline Nephrosis, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Inflammation, Nos
Spleen		Necrosis, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_019

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Lymph node                      Pretracheal Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_020

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 030.0 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Nephrosis, Nos  
Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Nasal cavity  
Spleen

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_021

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung

Tubule

Degeneration, Nos  
Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Adenoma, Nos

Pituitary gland

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_022

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Cyst, Nos
	Tubule	Degeneration, Hyaline
Liver		Congestion, Chronic
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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<b>ANIMAL ID:</b> 4_023	<b>TRT#:</b> 4 <b>DOSE:</b> 030.0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Kidney	Tubule	Degeneration, Nos	
Larynx		Hyperplasia, Nos	
Liver		Congestion, Nos	
Lung	Bronchiole	Bronchiolectasis	
		Congestion, Nos	
		Edema, Nos	
		Hemorrhage	
		Hyperplasia, Nos	
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos	
Trachea		Lymphocytic Inflammatory Infiltrate	
		Necrosis, Nos	
Unspecified	Multiple Organs Nos	Inflammation, Nos	
<hr/>			
<b>PRIMARY CAUSE OF DEATH</b>	-		
<hr/>			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_024

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Necrosis, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
	Alveoli	Edema, Nos
		Fibrosis
		Hemorrhage
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Congestion, Nos
	Pretracheal Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Necrosis, Nos
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_025

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_026

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Atypical
		Hyperplasia, Nos
		Inflammation, Focal
	Bronchus	Inflammation, Nos
	Bronchus	Metaplasia, Squamous
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos
		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_027

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Abscess, Nos  
Calcinosis, Nos  
Cast, Nos  
Cyst, Nos  
Sclerosis

Lung

Abscess, Nos  
Atelectasis  
Congestion, Nos  
Edema, Nos

Unspecified

Multiple Organs Nos  
Multiple Organs Nos

Fibrosis  
Hyperplasia, Nos  
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_028

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Inflammation, Nos
Trachea		Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_029

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Metaplasia, Squamous

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_030

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Lymph node

Pretracheal Lymph Node  
Pretracheal Lymph Node

Congestion, Nos  
Lymphangiectasis  
Hyperplasia, Nos

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_031

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Trachea		Hyperplasia, Nos Necrosis, Nos Perivasculitis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_032

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Hemorrhage
Larynx		Inflammation, Nos Necrosis, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Abscess, Nos Bronchiolectasis Congestion, Nos Edema, Nos Hemorrhage
	Bronchus	Hyperplasia, Nos Inflammation, Nos Metaplasia, Squamous Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_033

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 030.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node	Axillary Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_034

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Tubule  
Bronchiole

Degeneration, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_035

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Abscess, Nos Bronchiolectasis Congestion, Nos Edema, Nos Fibrosis
	Alveoli	Foam-Cell Hemorrhage Hyperplasia, Atypical
	Bronchus	Hyperplasia, Nos Inflammation, Nos Inflammation, Nos Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified		Lipoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_036

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_037

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung	Bronchiole	Abscess, Nos Bronchiolectasis Congestion, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos Inflammation, Nos
Nasal cavity		

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_038

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
		Necrosis, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Inflammation, Focal
		Necrosis, Nos
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_039

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Abscess, Nos
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_040

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Emphysema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_041

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Calcification, Nos Cast, Nos Inflammation, Focal
Liver		Congestion, Nos
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Hyperplasia, Nos Inflammation, Nos
Urinary bladder	Bronchus	Metaplasia, Squamous Papilloma, Nos Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_042

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Larynx		Papilloma, Nos
Liver		Congestion, Chronic
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_043

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Atrophy, Nos Degeneration, Hyaline Inflammation, Nos
Lung		Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_044

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_045

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_046

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Lung

Inflammation, Nos  
Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Necrosis, Nos

Lymph node  
Trachea

Pretracheal Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_047

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung	Bronchiole	Atelectasis Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_048

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_049

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
	Alveoli	Hypertrophy, Nos
Nasal cavity		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_050

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Liver		Congestion, Nos
		Necrosis, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_051

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Glomerulus Tubule	Degeneration, Hyaline Degeneration, Nos Lymphocytic Inflammatory Infiltrate
Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos Congestion, Nos Edema, Nos Emphysema, Nos Fibrosis Hemorrhage Hyperplasia, Atypical Inflammation, Nos Sclerosis
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_052

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline Fibrosis Lymphocytic Inflammatory Infiltrate
Larynx		Metaplasia, Squamous
Liver		Amyloidosis Congestion, Nos Necrosis, Nos
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Hyperplasia, Atypical
	Bronchus	Inflammation, Nos Inflammation, Nos Hyperplasia, Atypical
Trachea		Hyperplasia, Atypical
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_053

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx  
Lung

Inflammation, Nos  
Congestion, Nos  
Edema, Nos

Nasal cavity  
Trachea

Inflammation, Nos  
Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_054

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_055

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Lung		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Congestion, Nos
	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_056

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx

Inflammation, Nos  
Necrosis, Nos

Liver

Congestion, Nos

Lung

Abscess, Nos  
Congestion, Nos  
Edema, Nos

Bronchus  
Pretracheal Lymph Node

Emphysema, Nos  
Inflammation, Nos

Lymph node

Hyperplasia, Nos

Nasal cavity

Inflammation, Nos

Trachea

Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_057

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver  
Lung

Bronchiole

Lymph node  
Nasal cavity

Pretracheal Lymph Node

Congestion, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_058

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Necrosis, Nos

Lymph node  
Trachea

Pretracheal Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_059

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Abscess, Nos
		Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Atypical
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Necrosis, Nos
Urinary bladder		Hyperplasia, Epithelial
		Metaplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_060

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_061

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Hemorrhage Necrosis, Medullary
Kidney		Cyst, Nos Nephrosis, Nos
Larynx		Lymphocytic Inflammatory Infiltrate Necrosis, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis Inflammation, Nos
Nasal cavity		Abscess, Nos Inflammation, Nos Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate Necrosis, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_062

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Inflammation, Nos
Urinary bladder		Lymphocytic Inflammatory Infiltrate
		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_063

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 030.0 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver

Congestion, Nos

Lung

Hyperplasia, Nos

Lymph node

Pretracheal Lymph Node

Inflammation, Nos

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_064

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Hyperplasia, Nos
Trachea		

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_065

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline
Larynx		Necrosis, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
		Metaplasia, Squamous
Lymph node	Hilar Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_066

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Glomerulus	Degeneration, Hyaline
	Tubule	Degeneration, Hyaline
Larynx		Metaplasia, Squamous
Liver		Congestion, Nos
Lung	Bronchiole	Abscess, Nos
		Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
		Metaplasia, Squamous
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Hyperplasia, Atypical
		Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Inflammation, Nos
	Multiple Organs Nos	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_067

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_068

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Degeneration, Hydropic
Liver	Congestion, Nos
Lung	Abscess, Nos
	Congestion, Nos
	Edema, Nos
	Hyperplasia, Nos
	Inflammation, Nos
Nasal cavity	Inflammation, Nos
Trachea	Hyperplasia, Nos
	Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_069

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Bronchiole

Congestion, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Lymph node

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_070

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_071

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Cyst, Nos
	Tubule	Degeneration, Nos
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Metaplasia, Squamous
		Papillary Adenoma
Pituitary gland		Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_072

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_073

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 030.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Larynx

Inflammation, Nos

Lung

Bronchiole

Necrosis, Nos

Bronchiolectasis

Hyperplasia, Atypical

Inflammation, Focal

Lymph node

Bronchus

Inflammation, Nos

Trachea

Pretracheal Lymph Node

Hyperplasia, Nos

Hyperplasia, Atypical

Inflammation, Nos

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_074

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Nasal cavity

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_075

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cyst, Nos Degeneration, Hyaline
	Tubule	Degeneration, Nos Nephrosis, Nos Lymphocytic Inflammatory Infiltrate
Larynx		Congestion, Nos
Liver		Atypia, Nos
Lung		Congestion, Nos Edema, Nos Emphysema, Nos Fibrosis
	Bronchus	Hyperplasia, Nos Inflammation, Nos Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_076

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_077

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_078

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Lung

Bronchiole

Inflammation, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Necrosis, Nos  
Hyperplasia, Nos

Nasal cavity

Spleen

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_079

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline Degeneration, Nos Fibrosis Inflammation, Interstitial
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos

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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_080

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate Necrosis, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_081

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_082

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 030.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Larynx		Necrosis, Nos
Lung	Bronchiole	Bronchiolectasis Hyperplasia, Atypical Inflammation, Focal
Lymph node	Pretracheal Lymph Node	Hemorrhage
Trachea	Pretracheal Lymph Node	Hyperplasia, Nos Hyperplasia, Atypical Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Necrosis, Nos Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_083

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Congestion, Nos
	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_084

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_085

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 030.0 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Atelectasis  
Congestion, Nos  
Emphysema, Nos  
Inflammation, Focal  
Inflammation, Nos

Nasal cavity

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_086

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Bronchiole

Inflammation, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Nasal cavity

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_087

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_088

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node		Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin

**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:55:06

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

**Lab:** NA

**ANIMAL ID:** 4\_089

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 030.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
Liver		Congestion, Chronic
Lung		Abscess, Nos
		Emphysema, Nos
	Bronchus	Hyperplasia, Atypical
	Alveoli	Hypertrophy, Nos
		Inflammation, Focal
	Bronchus	Metaplasia, Squamous
		Metaplasia, Squamous
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hypertrophy, Nos
Nasal cavity		Inflammation, Nos
	Septum Nos	Metaplasia, Squamous
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_090

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Necrosis, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Metaplasia, Squamous
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_091

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Atrophy, Nos Degeneration, Hydropic
Liver		Congestion, Nos Necrosis, Nos
Lung	Bronchiole	Abscess, Nos Bronchiolectasis Congestion, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_092

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule Glomerulus	Degeneration, Hyaline Degeneration, Nos Hyperplasia, Nos Sclerosis
Lung		Abscess, Nos Congestion, Nos Edema, Nos Inflammation, Focal
Nasal cavity		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_093

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_094

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_095

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hemorrhage
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_096

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Amyloidosis Congestion, Nos Necrosis, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Lymph node		Hyperplasia, Nos Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_097

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline Lymphocytic Inflammatory Infiltrate
Lung		Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Inflammation, Necrotizing Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_098

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cloudy Swelling
Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_099

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Degeneration, Hyaline
	Tubule	Degeneration, Nos
		Fibrosis
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_100

**TRT#:** 4  
**DOSE:** 030.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline Degeneration, Nos Sclerosis
Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos Edema, Nos Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Inflammation, Nos
Trachea		Hyperplasia, Nos Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_001

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Chronic
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Fibrosis
		Hemorrhage
		Hyperplasia, Nos
	Alveolar Wall	Hypertrophy, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Necrosis, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_002

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Bronchiole

Pleura Nos  
Multiple Organs Nos

Unspecified

Congestion, Nos  
Atelectasis  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Hypertrophy, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_003

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
		Necrosis, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_004

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
		Inflammation, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_005

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung	Bronchus	Abscess, Nos Congestion, Nos Congestion, Nos Edema, Nos Hyperplasia, Atypical Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node	Bronchus Pretracheal Lymph Node Pretracheal Lymph Node	Lymphocytic Inflammatory Infiltrate Hyperplasia, Nos Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_006

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Edema, Nos Hemorrhage Hyperplasia, Nos Hypertrophy, Nos
	Pleura Nos Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node Trachea	Pretracheal Lymph Node	Hyperplasia, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Congestion, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_007

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Liver  
Lung

Hyperplasia, Nos  
Congestion, Nos  
Abscess, Nos  
Atelectasis

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_008

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Hyperplasia, Nos Necrosis, Nos
Trachea		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_009

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
Lung		Atelectasis
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_010

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung	Bronchiole	Abscess, Nos Bronchiolectasis Congestion, Nos Edema, Nos Emphysema, Nos Hemorrhage Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Congestion, Nos Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_011

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Nos
Larynx		Necrosis, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Inflammation, Interstitial
	Bronchus	Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_012

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hyperplasia, Nos Necrosis, Nos
Lymph node Unspecified	Pretracheal Lymph Node Multiple Organs Nos	Hyperplasia, Nos Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_013

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Congestion, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_014

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Congestion, Nos
	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
Trachea		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_015

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Liver  
Lung

Inflammation, Nos  
Congestion, Nos  
Abscess, Nos  
Congestion, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Focal  
Inflammation, Nos  
Necrosis, Nos

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_016

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx	Lymphocytic Inflammatory Infiltrate
Liver	Congestion, Nos
Lung	Abscess, Nos
	Congestion, Nos
	Edema, Nos
	Fibrosis
	Hyperplasia, Nos
	Inflammation, Nos
	Necrosis, Nos
Trachea	Lymphocytic Inflammatory Infiltrate
Urinary bladder	Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_017

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Atypical Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Congestion, Nos
	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_018

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney

Congestion, Nos  
Necrosis, Nos

Liver

Congestion, Nos

Lung

Bronchus

Abscess, Nos

Bronchiectasis

Congestion, Nos

Edema, Nos

Hemorrhage

Hyperplasia, Nos

Trachea

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_019

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Liver  
Lung

Inflammation, Nos  
Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_020

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Angiectasis
		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_021

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Hyperplasia, Nos
Lung		Abscess, Nos
		Atelectasis
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_022

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Necrosis, Nos
Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Necrosis, Nos
Trachea		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_023

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Atelectasis Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Lymphangiectasis
Spleen		Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_024

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Congestion, Nos
Larynx		Inflammation, Nos
Liver		Degeneration, Hydropic
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_025

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Atelectasis
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
Trachea		Hyperplasia, Atypical
Unspecified	Multiple Organs Nos	Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_026

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Atypical
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Abscess, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_027

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Liver  
Lung

Bronchiole

Lymph node  
Prostate

Pretracheal Lymph Node

Inflammation, Nos  
Congestion, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Necrosis, Nos  
Lymphangiectasis  
Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_028

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate
Lung		Abscess, Nos
		Atelectasis
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node		Hemorrhage
		Lymphangiectasis
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_029

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Hemorrhage
		Hyperplasia, Atypical
		Metaplasia, Squamous
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_030

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Liver  
Lung

Bronchiole

Inflammation, Nos  
Congestion, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Lymph node  
Trachea

Pretracheal Lymph Node

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_031

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx  
Liver  
Lung

Inflammation, Nos  
Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Lymph node  
Trachea

Pretracheal Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_032

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Liver  
Lung

Inflammation, Nos  
Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Fibrosis  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Necrosis, Nos  
Hyperplasia, Nos

Lymph node

Pretracheal Lymph Node

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_033

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Congestion, Chronic
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_034

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_035

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx	Lymphocytic Inflammatory Infiltrate
	Necrosis, Nos
Lung	Congestion, Nos
	Emphysema, Nos
	Fibrosis
	Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_036

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Atypical
Lymph node	Pretracheal Lymph Node	Congestion, Nos
	Pretracheal Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_037

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Bronchiole

Congestion, Nos  
Bronchiolectasis  
Congestion, Nos  
Hemorrhage  
Hyperplasia, Nos  
Necrosis, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_038

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Lymphangiectasis
	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_039

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_040

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Pleura Nos	Hypertrophy, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Lymphangiectasis
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_041

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung

Bronchus

Bronchiectasis  
Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Necrosis, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos  
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_042

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hemorrhage
	Bronchus	Hyperplasia, Nos Inflammation, Nos Inflammation, Nos Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_043

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Bronchus

Abscess, Nos  
Bronchiectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_044

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Chronic Necrosis, Central Sclerosis
Lung	Bronchus	Bronchiectasis Hyperplasia, Nos Inflammation, Nos
Skin	Sebaceous Gland	Degeneration, Nos Metamorphosis, Fatty
Unspecified		Degeneration, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_045

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Pyelonephritis, Nos
Larynx	Lymphocytic Inflammatory Infiltrate
Liver	Lymphocytic Inflammatory Infiltrate
Lung	Congestion, Nos
	Emphysema, Nos
	Hyperplasia, Nos
Bronchus	Inflammation, Nos
	Inflammation, Nos
Bronchus	Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_046

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Inflammation, Chronic  
Congestion, Nos  
Edema, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_047

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Liver  
Lung

Inflammation, Nos  
Congestion, Nos  
Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Trachea

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_048

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Abscess, Nos Pyelonephritis, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Lung		Abscess, Nos Atelectasis Congestion, Nos Emphysema, Nos Hypertrophy, Nos Inflammation, Nos Inflammation, Nos Necrosis, Nos
	Pleura Nos	
	Bronchus	
Lymph node	Pretracheal Lymph Node	Congestion, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_049

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Necrosis, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_050

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Liver  
Lung

Inflammation, Nos  
Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 6\_001

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Necrosis, Nos

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_002

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Metaplasia, Squamous Necrosis, Nos
Lung	Bronchiole	Abscess, Nos Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Hyperplasia, Nos Necrosis, Nos
Trachea		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_003

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Trachea		Inflammation, Nos Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_004

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Bronchus

Bronchiectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Nasal cavity

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 6\_005

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Bronchiole

Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Nasal cavity

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_006

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 6\_007

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney

Tubule

Cast, Nos  
Degeneration, Nos

Lung

Bronchus

Abscess, Nos  
Bronchiectasis  
Congestion, Nos  
Emphysema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Nasal cavity

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_008

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver  
Lung

Bronchiole

Lymph node

Pretracheal Lymph Node  
Pretracheal Lymph Node

Congestion, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_009

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Cast, Nos
	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Liver		Amyloidosis
		Necrosis, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_010

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
		Necrosis, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hemorrhage
	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Hyperplasia, Nos
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_011

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Unspecified		Metaplasia, Squamous
		Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_012

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Lung	Bronchiole	Abscess, Nos
		Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Metamorphosis, Fatty
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_013

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Congestion, Nos
	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Edema, Nos
		Inflammation, Focal
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_014

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung		Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Hemosiderosis Lymphangiectasis Inflammation, Nos
Nasal cavity		

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_015

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Renal Artery Nos	Hypertrophy, Nos
Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
	Tubule	Dilatation, Nos
	Glomerulus	Metamorphosis, Fatty
		Nephrosis, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Pituitary gland		Adenoma, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_016

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Lymphocytic Inflammatory Infiltrate Thrombosis, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Hemorrhage Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_017

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Lung		Congestion, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_018

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx	Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lung	Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity	Inflammation, Nos
Trachea	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_019

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos Necrosis, Nos
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node	Hilar Lymph Node Hilar Lymph Node	Hyperplasia, Nos Necrosis, Nos
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_020

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Hyperplasia, Nos Necrosis, Nos
Nasal cavity		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_021

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos Degeneration, Nos Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Trachea		Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_022

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
		Fibrosis
		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_023

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
		Inflammation, Focal
Trachea	Bronchus	Inflammation, Nos
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_024

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Congestion, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_025

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Fibrosis
		Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_026

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_027

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Cast, Nos  
Degeneration, Nos  
Congestion, Nos  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Inflammation, Nos

Liver

Lung

Bronchus

Nasal cavity

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_028

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 010.0 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Hyperplasia, Atypical
Trachea		Inflammation, Focal
Unspecified	Axilla	Hyperplasia, Nos
	Multiple Organs Nos	Fibrosarcoma
Urinary bladder		Inflammation, Nos
		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_029

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos
	Bronchus	Hyperplasia, Nos Inflammation, Nos Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_030

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Congestion, Nos Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_031

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 6\_032

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Bronchiectasis Congestion, Nos Hyperplasia, Nos Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_033

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Hyperplasia, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_034

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney Larynx	Tubule	Degeneration, Nos Hyperplasia, Nos Necrosis, Nos
Liver Lung	Bronchiole	Congestion, Nos Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Atypical
Lymph node Trachea	Pleura Nos Pretracheal Lymph Node	Hypertrophy, Nos Hyperplasia, Nos Hyperplasia, Nos Necrosis, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_035

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_036

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule Tubule	Cast, Nos Degeneration, Nos Lymphocytic Inflammatory Infiltrate Sclerosis
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Atypical
Trachea		Necrosis, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_037

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver  
Lung

Bronchiole

Congestion, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_038

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_039

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Inflammation, Nos
Trachea		Inflammation, Nos Necrosis, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_040

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Atypical
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Necrosis, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_041

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Bronchiole

Congestion, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Lymph node  
Unspecified

Hilar Lymph Node  
Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_042

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
		Lymphocytic Inflammatory Infiltrate
Larynx		Lymphocytic Inflammatory Infiltrate
Liver	Bile Duct	Hyperplasia, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Fibrosis
		Hyperplasia, Nos
	Pleura Nos	Hypertrophy, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_043

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Lymph node  
Unspecified

Pretracheal Lymph Node  
Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_044

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 010.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node	Inflammation, Nos
Nasal cavity		Hyperplasia, Nos Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 6\_045

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx	Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lung	Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos
Trachea	Inflammation, Nos Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_046

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Bronchiole

Congestion, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_047

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Trachea		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_048

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Bronchiectasis Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_049

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Cast, Nos
	Tubule	Degeneration, Nos
		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node		Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH** -

---



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_050

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_051

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Necrotizing
Trachea		Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_052

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Sclerosis
Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
		Fibrosis
		Scar
Larynx		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Atelectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_053

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Nasal cavity		Inflammation, Nos
Trachea		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_054

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_055

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx

Hyperplasia, Nos  
Inflammation, Nos

Liver

Congestion, Nos

Lung

Congestion, Nos  
Edema, Nos

Lymph node

Pretracheal Lymph Node

Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_056

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_057

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Hemorrhage Lymphangiectasis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_058

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cast, Nos
	Tubule	Degeneration, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Metaplasia, Squamous
Lymph node		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Trachea		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_059

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Lymph node

Pretracheal Lymph Node  
Pretracheal Lymph Node

Congestion, Nos  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_060

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Atelectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Sclerosis  
Inflammation, Nos  
Abscess, Nos

Nasal cavity  
Testis

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_061

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Lung

Necrosis, Nos  
Abscess, Nos  
Atelectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Atypical  
Inflammation, Focal  
Inflammation, Nos  
Necrosis, Nos  
Hyperplasia, Nos

Bronchus

Trachea  
Unspecified

Multiple Organs Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:06  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_062

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Inflammation, Nos
Lymph node		Hyperplasia, Nos
Trachea		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_063

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Atrophy, Nos
	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
		Inflammation, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_064

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
Nasal cavity	Bronchus	Lymphocytic Inflammatory Infiltrate
		Abscess, Nos
Trachea		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
		Lymphoma, Nos-Malignant

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_065

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Lung

Bronchiole

Inflammation, Nos  
Atelectasis  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Necrosis, Nos

Lymph node  
Trachea

Pretracheal Lymph Node

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_066

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cast, Nos
	Tubule	Degeneration, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Fibrosis
		Hemosiderosis
		Hyperplasia, Atypical
		Hyperplasia, Nos
Trachea		Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_067

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Inflammation, Nos Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_068

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Hilar Lymph Node	Congestion, Nos
	Hilar Lymph Node	Lymphangiectasis

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_069

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx	Lymphocytic Inflammatory Infiltrate
Liver	Congestion, Nos
Lung	Abscess, Nos
	Congestion, Nos
	Fibrosis
	Hyperplasia, Nos
	Inflammation, Nos
Nasal cavity	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_070

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchus

Bronchiectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Nasal cavity

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_071

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 010.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney

Tubule

Cast, Nos

Larynx

Tubule

Degeneration, Nos

Lung

Inflammation, Nos

Congestion, Nos

Edema, Nos

Hyperplasia, Nos

Inflammation, Nos

Necrosis, Nos

Lymph node

Pretracheal Lymph Node

Congestion, Nos

Trachea

Pretracheal Lymph Node

Lymphangiectasis

Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_072

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule  
Tubule

Cast, Nos  
Degeneration, Nos  
Inflammation, Nos  
Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Atypical  
Inflammation, Nos  
Hyperplasia, Nos

Larynx

Liver

Lung

Lymph node

Pretracheal Lymph Node

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_073

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
	Tubule	Hypoplasia, Nos
	Tubule	Necrosis, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_074

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node		Hyperplasia, Nos
Trachea		Inflammation, Nos
Urinary bladder		Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_075

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_076

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos Degeneration, Nos Fibrosis
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_077

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx	Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lung	Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Hyperplasia, Nos Necrosis, Nos
Nasal cavity	Cyst, Nos Inflammation, Nos Keratin-Pearl Formation

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_078

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis Edema, Nos Hyperplasia, Nos Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_079

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
Trachea		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_080

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung

Inflammation, Interstitial  
Abscess, Nos  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Nasal cavity

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_081

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
		Hyperplasia, Nos
		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH** -



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_082

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Lung

Hyperplasia, Nos  
Atelectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_083

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 010.0 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Hyperplasia, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_084

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 010.0 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney

Tubule

Cast, Nos

Tubule

Cell-Shape Alteration

Tubule

Degeneration, Nos

Tubule

Detachment

Tubule

Necrosis, Nos

Lung

Congestion, Nos

Degeneration, Nos

Edema, Nos

Nasal cavity

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_085

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Inflammation, Nos Hyperplasia, Nos
Trachea		Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_086

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
		Inflammation, Focal
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Fibrosis
		Hyperplasia, Atypical
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Nos
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_087

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Lung

Bronchiole

Bronchus

Inflammation, Nos  
Bronchiolectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_088

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Lymph node  
Nasal cavity

Pretracheal Lymph Node

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_089

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Congestion, Nos Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_090

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Hemorrhage Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Congestion, Nos Hyperplasia, Nos
Lymph node		Lymphangiectasis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_091

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_092

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Unspecified

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_093

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_094

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_095

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_096

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Hemorrhage Hyperplasia, Nos
Lymph node Unspecified	Multiple Organs Nos	Hyperplasia, Nos Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_097

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
	Portal Tract	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Focal
	Bronchus	Inflammation, Nos
		Metaplasia, Osseous

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_098

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule  
Tubule

Cast, Nos  
Dilatation, Nos  
Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Liver

Lung

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_099

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Atrophy, Nos
	Tubule	Cast, Nos
	Tubule	Cytoplasmic Vacuolization
		Edema, Nos
		Inflammation, Interstitial
Liver	Portal Tract	Congestion, Nos
		Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Spleen		Hemangioma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_100

**TRT#:** 6  
**DOSE:** 010.0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate
Trachea		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_001

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Congestion, Nos
Larynx		Hyperplasia, Nos
		Inflammation, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_002

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_003

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Lung

Bronchiole

Lymph node

Pretracheal Lymph Node  
Pretracheal Lymph Node

Inflammation, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Congestion, Nos  
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_004

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_005

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver  
Lung

Tubule

Degeneration, Nos  
Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Bronchus

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_006

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
		Sclerosis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_007

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_008

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_009

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Lymphocytic Inflammatory Infiltrate  
Necrosis, Nos  
Inflammation, Nos

Bronchus

Unspecified

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_010

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung

Tubule

Degeneration, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Lymph node

Pretracheal Lymph Node

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_011

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_012

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Atelectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_013

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_014

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Atypical

Bronchus

Inflammation, Nos  
Inflammation, Nos

Lymph node

Pretracheal Lymph Node

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_015

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Congestion, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Atelectasis Bronchiolectasis Congestion, Nos Edema, Nos Hemorrhage Metaplasia, Squamous
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_016

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Congestion, Nos
		Edema, Nos
	Alveoli	Foam-Cell
		Hemorrhage
		Inflammation, Necrotizing

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_017

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Necrotizing
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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_018

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Lymphocytic Inflammatory Infiltrate
Larynx		Inflammation, Nos
Liver		Congestion, Chronic
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Focal
Lymph node	Bronchus	Inflammation, Nos
Trachea	Pretracheal Lymph Node	Hyperplasia, Nos Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_019

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_020

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Bronchus

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_021

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis Congestion, Nos Hyperplasia, Nos Inflammation, Nos
Trachea		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_022

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_023

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Necrosis, Nos  
Cyst, Nos  
Inflammation, Nos

Stomach  
Unspecified

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_024

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver  
Lung

Bronchiole

Lymph node  
Unspecified

Pretracheal Lymph Node  
Multiple Organs Nos

Congestion, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_025

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Inflammation, Nos

Bronchus

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_026

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Degeneration, Hydropic
Larynx		Hyperplasia, Nos Perivasculitis
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_027

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
	Pleura Nos	Fibrosis
	Pleura Nos	Inflammation, Nos
		Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_028

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Lung

Inflammation, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_029

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos

Bronchus

Inflammation, Nos  
Inflammation, Nos

Lymph node

Pretracheal Lymph Node

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_030

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Inflammation, Nos
	Bronchus	Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Congestion, Nos
	Pretracheal Lymph Node	Lymphangiectasis
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_031

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_032

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx		Inflammation, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_033

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Lymph node Unspecified	Pretracheal Lymph Node Multiple Organs Nos	Hyperplasia, Nos Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_034

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Chronic
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_035

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Lung	Bronchiole	Abscess, Nos
		Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_036

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Degeneration, Nos
Larynx		Hyperplasia, Nos
		Inflammation, Nos
Liver		Congestion, Nos
		Metamorphosis, Fatty
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Atypical
		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_037

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Necrosis, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_038

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_039

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Lung	Bronchus	Abscess, Nos
		Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_040

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Congestion, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
		Sclerosis
Trachea		Hyperplasia, Nos
		Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_041

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney

Tubule  
Tubule  
Glomerulus  
Glomerulus

Cast, Nos  
Degeneration, Nos  
Fibrosis  
Hypertrophy, Nos  
Hyperplasia, Nos  
Congestion, Nos  
Bronchiectasis  
Emphysema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Larynx

Liver

Lung

Bronchus

Unspecified

Multiple Organs Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_042

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Lymph node

Pretracheal Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_043

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Lung

Inflammation, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Necrosis, Nos

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_044

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_045

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Atelectasis
		Congestion, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
		Necrosis, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
Urinary bladder		Distention

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_046

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Lymph node

Pretracheal Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_047

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
Lung		Atelectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Congestion, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_048

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx  
Liver  
Lung

Inflammation, Nos  
Congestion, Nos  
Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Trachea

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_049

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
	Tubule	Lymphocytic Inflammatory Infiltrate
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung		Abscess, Nos
		Atelectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_050

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
		Necrosis, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_001

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchus

Bronchiectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Bronchus

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_002

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Hyperplasia, Nos
		Inflammation, Acute
		Inflammation, Nos
Nasal cavity		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_003

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx	Lymphocytic Inflammatory Infiltrate
Lung	Abscess, Nos
	Congestion, Nos
	Edema, Nos
	Hyperplasia, Nos
	Inflammation, Nos
	Metaplasia, Squamous
Nasal cavity	Inflammation, Nos
Trachea	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_004

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx	Hyperplasia, Nos
Liver	Congestion, Nos
	Lymphocytic Inflammatory Infiltrate
Lung	Congestion, Nos
	Edema, Nos
	Hyperplasia, Nos
	Inflammation, Nos
Nasal cavity	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_005

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node	Axillary Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Trachea		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_006

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Liver  
Lung

Bronchiole

Bronchus

Trachea

Unspecified

Multiple Organs Nos

Necrosis, Nos  
Congestion, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Hyperplasia, Atypical  
Inflammation, Nos  
Inflammation, Nos  
Necrosis, Nos  
Inflammation, Nos  
Necrosis, Nos  
Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_007

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Congestion, Nos
Larynx	Inflammation, Nos
Liver	Congestion, Nos
Lung	Congestion, Nos
	Edema, Nos
	Emphysema, Nos
	Hemorrhage
	Hyperplasia, Nos
	Inflammation, Nos
	Necrosis, Nos
Nasal cavity	Inflammation, Nos
Trachea	Lymphocytic Inflammatory Infiltrate
	Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_008

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Hemorrhage
	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Lymphangiectasis
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_009

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
		Inflammation, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Congestion, Nos
	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_010

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx  
Liver  
Lung

Bronchiole

Unspecified

Multiple Organs Nos

Hyperplasia, Nos  
Congestion, Nos  
Atelectasis  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_011

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Atypical Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Trachea	Pretracheal Lymph Node	Lymphangiectasis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_012

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Congestion, Nos
Liver		Congestion, Nos
		Metamorphosis, Fatty
Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
		Fibrosis
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_013

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Interstitial
Liver	Congestion, Nos
Lung	Abscess, Nos
	Congestion, Nos
	Edema, Nos
	Hyperplasia, Nos
	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_014

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx	Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Liver	Congestion, Nos
Lung	Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos
Nasal cavity	Inflammation, Nos Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_015

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver  
Lung

Bronchiole

Unspecified

Multiple Organs Nos

Congestion, Nos  
Abscess, Nos  
Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Necrosis, Nos  
Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_016

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Inflammation, Nos
		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphoma, Nos-Malignant
		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_017

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx	Lymphocytic Inflammatory Infiltrate
Lung	Congestion, Nos
	Edema, Nos
	Hyperplasia, Nos
	Inflammation, Focal
Bronchus	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_018

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Liver	Congestion, Nos
Lung	Abscess, Nos
	Congestion, Nos
	Hyperplasia, Nos
	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_019

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Liver  
Lung

Inflammation, Nos  
Congestion, Nos  
Abscess, Nos  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_020

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx	Hyperplasia, Nos Inflammation, Nos Necrosis, Nos
Liver	Congestion, Nos
Lung	Abscess, Nos Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Necrotizing Necrosis, Nos
Nasal cavity	Inflammation, Nos
Trachea	Necrosis, Nos

**PRIMARY CAUSE OF DEATH** -

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_021

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Abscess, Nos  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Nasal cavity

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_022

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Edema, Nos

Hyperplasia, Nos

Nasal cavity

Inflammation, Nos

Pituitary gland

Adenoma, Nos

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_023

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung	Bronchiole	Atelectasis Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Nos
Lymph node Unspecified	Pretracheal Lymph Node Multiple Organs Nos	Hyperplasia, Nos Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_024

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung		Abscess, Nos
	Bronchiole	Bronchiolectasis
		Congestion, Nos
		Edema, Nos
	Alveoli	Foam-Cell
		Hyperplasia, Nos
Nasal cavity		Necrosis, Nos
Trachea		Necrosis, Nos
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_025

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Hyperplasia, Nos
Trachea		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Unspecified Urinary bladder	Multiple Organs Nos	Inflammation, Nos Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_026

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx  
Liver  
Lung

Hyperplasia, Nos  
Congestion, Nos  
Congestion, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Necrosis, Nos

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_027

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx

Hyperplasia, Nos

Inflammation, Nos

Lung

Congestion, Nos

Edema, Nos

Bronchus

Inflammation, Nos

Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_028

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchus

Bronchiectasis  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Nasal cavity

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_029

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Lung	Bronchus	Bronchiectasis
		Emphysema, Nos
		Sclerosis
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_030

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Inflammation, Nos
Lung	Congestion, Nos
	Emphysema, Nos
	Hyperplasia, Nos
	Inflammation, Nos
	Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_031

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung

Bronchiole

Bronchiolectasis  
Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_032

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Larynx  
Lung

Inflammation, Nos  
Abscess, Nos  
Atelectasis  
Congestion, Nos  
Edema, Nos  
Fibrosis  
Hyperplasia, Nos  
Inflammation, Nos  
Metaplasia, Squamous  
Necrosis, Nos  
Inflammation, Nos

Nasal cavity

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_033

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Cast, Nos Cytoplasmic Vacuolization
	Tubule	Dilatation, Nos Fibrosis
Larynx		Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Bronchiectasis Hyperplasia, Nos Inflammation, Acute Inflammation, Nos
Unspecified		Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_034

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Fibrosis  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos

Unspecified

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_035

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
		Necrosis, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Unspecified	Abdomen	Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_036

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos Necrosis, Nos
Liver		Degeneration, Hydropic
Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Fibrosis Hyperplasia, Nos Inflammation, Nos Necrosis, Nos
Trachea		Inflammation, Nos Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_037

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung	Bronchiole	Bronchiolectasis Congestion, Nos Edema, Nos Hyperplasia, Atypical Hyperplasia, Nos
Lymph node	Pretracheal Lymph Node Pretracheal Lymph Node	Hyperplasia, Nos Lymphangiectasis
Unspecified	Multiple Organs Nos	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_038

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Glomerulus	Atrophy, Nos Calcium Deposit
	Tubule	Cast, Nos
	Glomerulus	Degeneration, Hyaline
Liver		Congestion, Nos
		Metamorphosis, Fatty
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hyperplasia, Nos Inflammation, Nos
Pituitary gland		Adenoma, Nos Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_039

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Suppurative
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 8\_040

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
	Pretracheal Lymph Node	Metamorphosis, Fatty
Unspecified	Multiple Organs Nos	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_041

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate
Liver		Congestion, Nos
	Portal Tract	Lymphocytic Inflammatory Infiltrate
		Abscess, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Pleura Nos	Hypertrophy, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hemorrhage
	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 8\_042

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Atelectasis  
Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_043

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Nos
	Portal Tract	Lymphocytic Inflammatory Infiltrate
		Metamorphosis, Fatty
Lung		Abscess, Nos
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_044

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Glomerulus	Atrophy, Nos
	Glomerulus	Cast, Nos
	Tubule	Degeneration, Hyaline
Liver		Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Hyperplasia, Nos
		Inflammation, Nos
Nasal cavity		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 8\_045

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver  
Lung

Bronchus

Nasal cavity

Congestion, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Necrosis, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_046

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Larynx		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Pleura Nos	Hypertrophy, Nos
	Pleura Nos	Inflammation, Nos
Pituitary gland		Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_047

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Liver	Hepatic Sinusoid	Angiectasis Hemorrhage
Lung		Necrosis, Nos Abscess, Nos Congestion, Nos Hyperplasia, Nos
Nasal cavity		Inflammation, Nos Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_048

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Larynx		Inflammation, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
		Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
		Necrosis, Nos
Lymph node	Pretracheal Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_049

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung

Abscess, Nos  
Congestion, Nos  
Edema, Nos  
Hemorrhage  
Hyperplasia, Nos

Bronchus

Inflammation, Nos  
Inflammation, Nos  
Inflammation, Nos  
Necrosis, Nos

Nasal cavity

Trachea

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C07001  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/Sprague Dawley

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Epichlorhydrin  
**CAS Number:** 106-89-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:55:07  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_050

**TRT#:** 8  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Fibrosis  
Hyperplasia, Nos  
Inflammation, Nos

---

PRIMARY CAUSE OF DEATH

-

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