Study Number:	C11049-02
Study Gender:	Male
PWG Approval Date:	See web page for date of PWG Approval
Version:	v1.0.8

ANIMAL ID: 1	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502983

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

NERVE, SCIATIC

Tissue Comment: No cross section available

ANIMAL ID: 2	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502984

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 3	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502985

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

LARYNX

Tissue Comment: Level 1 (base of the epiglottis) is crushed, thus insufficient

ANIMAL ID: 4	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502986

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 5	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502987

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 6	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502988

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

LARYNX

Tissue Comment: Level 1 is insufficient and fragmented

ANIMAL ID: 7	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502989

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	LUNG	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LARYNX	EPIGLOTTIS	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 8	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502990

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 17	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502999

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

Study Number: C11049-02
Test Type: TOX
Route: Nose-Only Inhalation
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Trimethylsilyldiazomethane
CAS Number: 18107-18-1

Date Report Requested: 10/22/2020
Time Report Requested: 08:00:09
Lab: Battelle

ANIMAL ID: 18	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503000

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 19	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503001

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 20	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503002

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 21	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503003

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 22	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503004

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 23	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503005

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 24	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503006

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 33	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503095

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

LARYNX

Tissue Comment: Level 1 and 2 are missing

ANIMAL ID: 34	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503096

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 35	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503097

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 36	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503098

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	LUNG	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LARYNX	EPIGLOTTIS	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 37	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503099

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 38	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503100

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LUNG	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 39	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503101

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	LARYNX
LIVER	LUNG	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

KIDNEY, LEFT	NEPHROPATHY	MINIMAL

ANIMAL ID: 40	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD1
	SELECTION: 1 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503102

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 9	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502991

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

ANIMAL ID: 10	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502992

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

ANIMAL ID: 11	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502993

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

OBSERVATIONS

LARYNX

Tissue Comment: Level 1 is not available

ANIMAL ID: 12	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502994

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

ANIMAL ID: 13	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502995

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	THYMUS	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

LUNG	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 14	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502996

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LUNG	NERVE, SCIATIC	NOSE
PHARYNX	THYMUS	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

LIVER	HEMATOPOIETIC CELL PROLIFERATION	MINIMAL

ANIMAL ID: 15	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502997

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	THYMUS	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

LUNG	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 16	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1502998

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

ANIMAL ID: 25	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503007

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

ANIMAL ID: 26	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503008

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

ANIMAL ID: 27	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503009

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

ANIMAL ID: 28	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503010

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

ANIMAL ID: 29	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503011

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

ANIMAL ID: 30	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503012

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LUNG	NERVE, SCIATIC	NOSE
PHARYNX	THYMUS	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

LIVER	HEMATOPOIETIC CELL PROLIFERATION	MINIMAL

ANIMAL ID: 31	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503013

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	LARYNX
LIVER	LUNG	NERVE, SCIATIC	NOSE
PHARYNX	THYMUS	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

KIDNEY, LEFT	NEPHROPATHY	MINIMAL

ANIMAL ID: 32	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503014

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	THYMUS	TRACHEA
TRIGEMINAL GANGLION			

ANIMAL ID: 41	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 1 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503103

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LUNG	EDEMA	MILD
	HEMORRHAGE	ACUTE, MINIMAL
	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL
	INFLAMMATION	ACUTE, MILD
	NECROSIS	MILD
THYMUS	ATROPHY	MODERATE

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 42	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503104

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
	SQUAMOUS EPITHELIUM	INFLAMMATION	ACUTE, MINIMAL
LUNG	INTERSTITIUM	FIBROSIS	MILD
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MILD
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD
Observation Comment: TGL1-5 TGL1-9 [HYPERPLASIA TGLS = TGL1]			
THYMUS		ATROPHY	MODERATE
Observation Comment: TGL2-10 [ATROPHY TGLS = TGL2]			

Animal Note: Ruffled Coat Present, but not pathologically significant

ANIMAL ID: 43	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD4
	SELECTION: 1 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503105

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

MISSING

THYMUS

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
	SQUAMOUS EPITHELIUM	INFLAMMATION	ACUTE, MINIMAL
LUNG		EDEMA	MILD
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	ACUTE, MINIMAL
		NECROSIS	MILD

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 44	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503106

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MILD
	SQUAMOUS EPITHELIUM	INFLAMMATION	ACUTE, MINIMAL
	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG	INTERSTITIUM	FIBROSIS	MILD
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MODERATE
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD

Observation Comment: TGL1-5 TGL1-9
[HYPERPLASIA TGLS = TGL1]

THYMUS		NO CORRESPONDING LESION

Tissue Comment: not found at trim; tissue was mediastinal lymph node
[NO CORRESPONDING LESION TGLS = TGL2]

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 45	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD6
	SELECTION: 1 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503107

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
LUNG		EDEMA	MODERATE
		HEMORRHAGE	ACUTE, MINIMAL
		INFLAMMATION	ACUTE, MINIMAL
		NECROSIS	MILD
THYMUS		ATROPHY	MODERATE

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled Coat present, but not pathologically significant

ANIMAL ID: 46	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 1 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503108

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LUNG	EDEMA	MODERATE
	HEMORRHAGE	ACUTE, MINIMAL
	INFILTRATION, CELLULAR	HISTIOCYTE, MILD
	INFLAMMATION	ACUTE, MINIMAL
	NECROSIS	MILD
THYMUS	ATROPHY	MODERATE

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, but not pathologically significant
Discharge, Nose/snout present, but not collected

ANIMAL ID: 47	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 1 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503109

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
	SQUAMOUS EPITHELIUM	INFLAMMATION	ACUTE, MINIMAL
LUNG	INTERSTITIUM	FIBROSIS	MILD
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MODERATE
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
[HYPERPLASIA TGLS = TGL1]			
THYMUS		NO CORRESPONDING LESION	
Tissue Comment: not found at trim			
[NO CORRESPONDING LESION TGLS = TGL2]			

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 48	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD4
	SELECTION: 1 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503110

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	EPIGLOTTIS	METAPLASIA	SQUAMOUS, MINIMAL
LUNG		EDEMA	MILD
		HEMORRHAGE	ACUTE, MINIMAL
		INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL
		INFLAMMATION	ACUTE, MINIMAL
		NECROSIS	MILD
THYMUS		ATROPHY	MODERATE

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 49	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503015

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 50	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503016

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

LARYNX

Tissue Comment: Level 1 (base of the epiglottis) is missing

ANIMAL ID: 51	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503017

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 52	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503018

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 53	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503019

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 54	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503020

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 55	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503021

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 56	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503022

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	LUNG	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LARYNX	EPIGLOTTIS	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 65	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503031

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 66	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503032

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	LUNG	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LARYNX	EPIGLOTTIS	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 67	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503033

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

OBSERVATIONS

LARYNX

Tissue Comment: Level 1 is insufficient

ANIMAL ID: 68	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503034

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 69	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503035

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	LUNG	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LARYNX	EPIGLOTTIS	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 70	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503036

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 71	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503037

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 72	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503038

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 81	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503047

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 82	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503048

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 83	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503049

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 84	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503050

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 85	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503051

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 86	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503052

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 87	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503053

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 88	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503054

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 97	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503063

OBSERVATIONS

LUNG	EDEMA	MINIMAL
	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 98	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503064

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 99	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503065

OBSERVATIONS

LUNG	EDEMA	MINIMAL
	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 100	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503066

OBSERVATIONS

LUNG	EDEMA	MINIMAL
	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 101	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503067

OBSERVATIONS

LUNG	EDEMA	MINIMAL
	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 102	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503068

OBSERVATIONS

LUNG	EDEMA	MINIMAL
	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 103	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503069

OBSERVATIONS

LUNG	EDEMA	MINIMAL
	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 104	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503070

OBSERVATIONS

LUNG	EDEMA	MINIMAL
	INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 113	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503079

TISSUE STATUS

Within Normal Limits

LARYNX

OBSERVATIONS

LUNG		EDEMA	MINIMAL
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MINIMAL
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD
		NECROSIS	MILD

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 114	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503080

TISSUE STATUS

Within Normal Limits

LARYNX

OBSERVATIONS

LUNG		EDEMA	MILD
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MINIMAL
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD
		NECROSIS	MODERATE

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 115	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503081

TISSUE STATUS

Within Normal Limits

LARYNX

OBSERVATIONS

LUNG		EDEMA	MILD
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MINIMAL
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD
		NECROSIS	MODERATE

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 116	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503082

TISSUE STATUS

Within Normal Limits
LARYNX

OBSERVATIONS

LUNG		EDEMA	MINIMAL
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MILD
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD
		NECROSIS	MILD

ANIMAL ID: 117	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503083

TISSUE STATUS

Within Normal Limits

LARYNX

OBSERVATIONS

LUNG		EDEMA	MILD
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MINIMAL
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD
		NECROSIS	MILD

ANIMAL ID: 118	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503084

TISSUE STATUS

Within Normal Limits
LARYNX

OBSERVATIONS

LUNG		EDEMA	MINIMAL
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MINIMAL
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD
		NECROSIS	MILD

ANIMAL ID: 119	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503085

TISSUE STATUS

Within Normal Limits

LARYNX

OBSERVATIONS

LUNG		EDEMA	MINIMAL
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MINIMAL
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD
		NECROSIS	MILD

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 120	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD5
	SELECTION: 5 Day Exposure		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503086

TISSUE STATUS

Within Normal Limits
LARYNX

OBSERVATIONS

LUNG		EDEMA	MINIMAL
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MINIMAL
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
		NECROSIS	MILD

Animal Note: Animal had Ruffled coat, but not pathologically significant

ANIMAL ID: 129	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Exposure		**DISP:** Euthanized Moribund	**HISTO:** 1503111

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG		EDEMA	MILD
		HEMORRHAGE	ACUTE, MINIMAL
		INFLAMMATION	ACUTE, MINIMAL
		NECROSIS	MILD

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat is present, but pathologically significant

ANIMAL ID: 130	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Exposure		**DISP:** Found Dead	**HISTO:** 1503112

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

INSUFFICIENT TISSUE TO EVALUATE

LARYNX

OBSERVATIONS

LARYNX

Tissue Comment: larynx crushed; not able to evaluate

LUNG	EDEMA	MILD
	HEMORRHAGE	ACUTE, MINIMAL
	INFLAMMATION	ACUTE, MILD
	NECROSIS	MILD

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 131	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Exposure		**DISP:** Found Dead	**HISTO:** 1503113

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LUNG	EDEMA	MILD
	HEMORRHAGE	ACUTE, MINIMAL
	INFLAMMATION	ACUTE, MILD
	NECROSIS	MODERATE

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 132	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Exposure		**DISP:** Found Dead	**HISTO:** 1503114

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LUNG	EDEMA	MILD
	HEMORRHAGE	ACUTE, MINIMAL
	INFLAMMATION	ACUTE, MINIMAL
	NECROSIS	MODERATE

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 133	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Exposure		**DISP:** Euthanized Moribund	**HISTO:** 1503115

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX		INFLAMMATION	ACUTE, MINIMAL
	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG		EDEMA	MILD
		HEMORRHAGE	ACUTE, MINIMAL
		INFLAMMATION	ACUTE, MILD
		NECROSIS	MODERATE

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat is present, but not pathologically significant

ANIMAL ID: 134	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD2
	SELECTION: 5 Day Exposure		**DISP:** Found Dead	**HISTO:** 1503116

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LUNG	EDEMA	MILD
	HEMORRHAGE	ACUTE, MINIMAL
	INFLAMMATION	ACUTE, MILD
	NECROSIS	MODERATE

Observation Comment: TGL1-5, TGL1-9
[NECROSIS TGLS = TGL1]

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 135	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD2
	SELECTION: 5 Day Exposure		**DISP:** Found Dead	**HISTO:** 1503117

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG		EDEMA	MODERATE
		HEMORRHAGE	ACUTE, MILD
		INFLAMMATION	ACUTE, MILD
		NECROSIS	MARKED

Observation Comment: TGL1-5 TGL1-9
[EDEMA TGLS = TGL1]

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 136	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Exposure		**DISP:** Found Dead	**HISTO:** 1503118

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LUNG	EDEMA	MINIMAL
	HEMORRHAGE	ACUTE, MINIMAL
	INFLAMMATION	ACUTE, MILD
	NECROSIS	MILD

PRIMARY CAUSE OF DEATH - UNDETERMINED

ANIMAL ID: 57	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503023

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 58	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503024

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 59	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503025

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 60	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503026

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 61	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503027

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 62	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503028

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 63	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503029

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 64	**TRT#:** 1	**DOSE:** 0 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503030

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 73	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503039

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	EPIGLOTTIS	METAPLASIA	SQUAMOUS, MINIMAL
LUNG		INFILTRATION, CELLULAR	HISTIOCYTE, MINIMAL

ANIMAL ID: 74	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503040

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 75	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503041

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	LIVER
LUNG	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

KIDNEY, LEFT		NEPHROPATHY	MINIMAL
LARYNX	EPIGLOTTIS	METAPLASIA	SQUAMOUS, MINIMAL

ANIMAL ID: 76	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503042

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 77	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503043

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 78	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503044

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 79	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503045

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 80	**TRT#:** 2	**DOSE:** 25 ppm Hexanes	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503046

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	LUNG	NERVE, SCIATIC
NOSE	PHARYNX	TRACHEA	TRIGEMINAL GANGLION

ANIMAL ID: 89	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503055

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 90	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503056

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 91	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503057

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 92	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503058

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 93	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503059

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 94	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503060

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 95	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503061

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 96	**TRT#:** 3	**DOSE:** 0.3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503062

TISSUE STATUS

Within Normal Limits
LUNG

ANIMAL ID: 105	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503071

TISSUE STATUS

Within Normal Limits

LARYNX			

OBSERVATIONS

LUNG	INTERSTITIUM	FIBROSIS	MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MILD
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 106	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503072

TISSUE STATUS

Within Normal Limits

LARYNX			

OBSERVATIONS

LUNG	INTERSTITIUM	FIBROSIS	MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MILD
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 107	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503073

TISSUE STATUS

Within Normal Limits

LARYNX			

OBSERVATIONS

LUNG	INTERSTITIUM	FIBROSIS	MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MILD
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 108	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503074

TISSUE STATUS

Within Normal Limits

LARYNX

OBSERVATIONS

LARYNX

Tissue Comment: Level 1 of larynx insufficient, evaluated tissue is normal

LUNG	INTERSTITIUM	FIBROSIS	MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MILD
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 109	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503075

TISSUE STATUS

Within Normal Limits

LARYNX

OBSERVATIONS

LUNG	INTERSTITIUM	FIBROSIS	MINIMAL
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MILD
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 110	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503076

TISSUE STATUS

Within Normal Limits

LARYNX			

OBSERVATIONS

LUNG	INTERSTITIUM	FIBROSIS	MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MILD
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 111	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503077

TISSUE STATUS

Within Normal Limits

LARYNX			

OBSERVATIONS

LUNG	INTERSTITIUM	FIBROSIS	MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MINIMAL
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL

ANIMAL ID: 112	**TRT#:** 4	**DOSE:** 1 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503078

TISSUE STATUS

Within Normal Limits			
LARYNX			
OBSERVATIONS			
LUNG	INTERSTITIUM	FIBROSIS	MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MINIMAL
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	CHRONIC-ACTIVE, MILD

ANIMAL ID: 122	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503088

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG	INTERSTITIUM	FIBROSIS	MILD
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MODERATE
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		NECROSIS	MINIMAL

Observation Comment: TGL1-2
[HYPERPLASIA TGLS = TGL1]

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 123	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503089

TISSUE STATUS

Within Normal Limits

LARYNX

OBSERVATIONS

LUNG		EDEMA	MILD
	INTERSTITIUM	FIBROSIS	MILD
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MODERATE
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		NECROSIS	MILD

Observation Comment: TGL1-2
[HYPERPLASIA TGLS = TGL1]

Animal Note: Ruffled coat is present, but not pathologically significant

ANIMAL ID: 124	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503090

OBSERVATIONS

LARYNX		INFLAMMATION	ACUTE, MINIMAL
LUNG		EDEMA	MILD
	INTERSTITIUM	FIBROSIS	MINIMAL
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MODERATE
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MILD
		NECROSIS	MINIMAL

Animal Note: Ruffled hair coat is present, but not pathologically significant

ANIMAL ID: 125	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503091

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	ACUTE, MINIMAL
	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG		EDEMA	MILD
	INTERSTITIUM	FIBROSIS	MILD
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MODERATE
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		NECROSIS	MILD

Observation Comment: TGL1-2
[HYPERPLASIA TGLS = TGL1]

Animal Note: Ruffled hair coat present, but not pathologically significant

ANIMAL ID: 126	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503092

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	ACUTE, MINIMAL
LUNG		EDEMA	MILD
	INTERSTITIUM	FIBROSIS	MILD
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MARKED
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		NECROSIS	MILD

Observation Comment: TGL1-2
[HYPERPLASIA TGLS = TGL1]

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 127	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503093

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
		INFLAMMATION	ACUTE, MINIMAL
	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG		EDEMA	MINIMAL
	INTERSTITIUM	FIBROSIS	MINIMAL
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MARKED
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		NECROSIS	MINIMAL

Observation Comment: TGL1-2
[HYPERPLASIA TGLS = TGL1]

Animal Note: Ruffled Coat present, but not pathologically significant

ANIMAL ID: 128	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503094

OBSERVATIONS

LARYNX		INFLAMMATION	ACUTE, MINIMAL
	EPIGLOTTIS	METAPLASIA	SQUAMOUS, MINIMAL
	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG		EDEMA	MINIMAL
	INTERSTITIUM	FIBROSIS	MILD
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MARKED
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		NECROSIS	MINIMAL

Observation Comment: TGL1-2
[HYPERPLASIA TGLS = TGL1]

Animal Note: Ruffled hair coat present, but not pathologically significant

ANIMAL ID: 121R	**TRT#:** 5	**DOSE:** 3 ppm	**SEX:** Male	**REMOVAL DAY:** SD9
	SELECTION: 5 Day Recovery		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 1503087

TISSUE STATUS

Within Normal Limits
LARYNX

OBSERVATIONS

LUNG	INTERSTITIUM	FIBROSIS	MINIMAL
		HEMORRHAGE	ACUTE, MINIMAL
	ALVEOLAR EPITHELIUM	HYPERPLASIA	MODERATE
	BRONCHIOLE, EPITHELIUM	HYPERPLASIA	MODERATE
		INFLAMMATION	CHRONIC-ACTIVE, MODERATE
		NECROSIS	MILD

Observation Comment: TGL1-2
[HYPERPLASIA TGLS = TGL1]

Animal Note: Hair coat is ruffled, but not pathologically significant

ANIMAL ID: 137	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503119

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG		EDEMA	MILD
		INFLAMMATION	ACUTE, MINIMAL
		NECROSIS	MILD

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 138	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD2
	SELECTION: 5 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503120

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LARYNX		
Tissue Comment: Level 1 missing		
LUNG	EDEMA	MILD
	HEMORRHAGE	ACUTE, MINIMAL
	INFLAMMATION	ACUTE, MILD
	NECROSIS	MODERATE
Observation Comment: tgl1-5, tgl1-9		
[EDEMA TGLS = TGL1]		

Animal Note: Ruffled Coat present, but not pathologically significant

ANIMAL ID: 139	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503121

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	LIVER
NERVE, SCIATIC	NOSE	PHARYNX	TRACHEA
TRIGEMINAL GANGLION			

OBSERVATIONS

KIDNEY, LEFT		NEPHROPATHY	MINIMAL
LARYNX	SQUAMOUS EPITHELIUM	HYPERPLASIA	MINIMAL
	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG		EDEMA	MILD
		HEMORRHAGE	ACUTE, MINIMAL
		INFLAMMATION	ACUTE, MILD
		NECROSIS	MODERATE

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, not pathologically significant

ANIMAL ID: 140	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503122

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LUNG	EDEMA	MODERATE
	HEMORRHAGE	ACUTE, MINIMAL
	INFLAMMATION	ACUTE, MILD
	NECROSIS	MILD

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 141	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503123

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG		EDEMA	MILD
		HEMORRHAGE	ACUTE, MINIMAL
		INFLAMMATION	ACUTE, MILD
		NECROSIS	MODERATE

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 142	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD2
	SELECTION: 5 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503124

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LIVER	NERVE, SCIATIC	NOSE	PHARYNX
TRACHEA	TRIGEMINAL GANGLION		

OBSERVATIONS

LARYNX	SQUAMOUS EPITHELIUM	ULCER	MINIMAL
LUNG		EDEMA	MINIMAL
		HEMORRHAGE	ACUTE, MINIMAL
		INFLAMMATION	ACUTE, MILD
		NECROSIS	MILD

Observation Comment: TGL1-5 TGL1-9
[NECROSIS TGLS = TGL1]

Animal Note: Ruffled coat present, but not pathologically significant

ANIMAL ID: 143	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Recovery		**DISP:** Found Dead	**HISTO:** 1503125

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LARYNX			
Tissue Comment: Level 1 is missing			
LUNG		EDEMA	MODERATE
		HEMORRHAGE	ACUTE, MINIMAL
		INFLAMMATION	ACUTE, MILD
		NECROSIS	MILD

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Animal died prior to euthanasia
Ruffled coat present, but not pathologically significant

ANIMAL ID: 144	**TRT#:** 6	**DOSE:** 10 ppm	**SEX:** Male	**REMOVAL DAY:** SD3
	SELECTION: 5 Day Recovery		**DISP:** Euthanized Moribund	**HISTO:** 1503126

TISSUE STATUS

Within Normal Limits

AORTA	BRAIN	HEART	KIDNEY, LEFT
LARYNX	LIVER	NERVE, SCIATIC	NOSE
PHARYNX	TRACHEA	TRIGEMINAL GANGLION	

OBSERVATIONS

LUNG	EDEMA	MODERATE
	HEMORRHAGE	ACUTE, MINIMAL
	INFLAMMATION	ACUTE, MILD
	NECROSIS	MILD

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Ruffled coat present, but not pathologically significant

LEGEND

SD – Study Day

The 1 Day Exposure animals were exposed for one day and then sacrificed on study day 1 (first day of exposure was study day 0); the 1 Day Recovery animals were exposed for 1 day and then sacrificed on study day 9; the 5 Day Exposure animals were exposed for five days and then sacrificed on study day 5; the 5 Day Recovery animals were exposed for five days and then sacrificed on study day 9.

** END OF REPORT **