Experiment Number: 04626-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N

#### P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1,1,1-Trichloroethane CAS Number: 71-55-6 Date Report Requested: 10/18/2014 Time Report Requested: 16:24:42 First Dose M/F: NA / NA Lab: TSI MASON

C Number:	C04626C
Lock Date:	03/17/1992
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 04626-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N

#### P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1,1,1-Trichloroethane CAS Number: 71-55-6 Date Report Requested: 10/18/2014 Time Report Requested: 16:24:42 First Dose M/F: NA / NA Lab: TSI MASON

# SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF 1,1,1-TRICHLOROETHANE

MALE RAT	
Organ	Morphology
Kidney	Inflammation Chronic
Kidney: Renal Tubule	Casts
	Degeneration Hyaline
Liver	Cytoplasmic Alteration
	Hepatodiaphragmatic Nodule
Urinary Bladder	Calculus Gross Observation
	Calculus Micro Observation Only
FEMALE RAT	
Organ	Morphology
Clitoral Gland	Dilatation
Intestine Large, Cecum	Dilatation
Kidney	Inflammation Chronic
Liver	Hepatodiaphragmatic Nodule
Lymph Node, Mandibular	Hyperplasia Lymphoid
Spleen	Congestion
Uterus	Dilatation

Test Compound: 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:42 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Brain						
Hemorrhage						
LESION RATES						
OVERALL(a)	1/20 (5%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/20.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/20 (5%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)					
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.637N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.637N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.637N
COCH-ARM / FISHERS	P=0.429N	(e)	(e)	(e)	(e)	P=0.667N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.272N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:42 First Dose M/F: NA / NA Lab: TSI MASON

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Heart						
Cardiomyopathy						
LESION RATES						
OVERALL(a)	18/20 (90%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
POLY-3 RATE (b)	18/20.00	0/0.00	0/0.00	0/0.00	0/0.00	10/10.00
POLY-3 PERCENT (g)	90%	0%	0%	0%	0%	100%
TERMINAL (d)	18/20 (90%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
FIRST INCIDENCE	92(T)					92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.400
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.400
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.400
COCH-ARM / FISHERS	P=0.259	(e)	(e)	(e)	(e)	P=0.437
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.189
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:42 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Intestine Large, Cecum						
Dilatation						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/20.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE						92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.359
COCH-ARM / FISHERS	P=0.184	(e)	(e)	(e)	(e)	P=0.333
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.107
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

### STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Kidney						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/10 (0%)	2/10 (20%)	7/10 (70%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/20.00	0/10.00	2/10.00	7/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	20%	70%	100%	100%
TERMINAL (d)	0/20 (0%)	0/10 (0%)	2/10 (20%)	7/10 (70%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE			92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	P=0.088	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	P=0.088	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	(e)	P=0.088	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.103	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.031*	P=0.000**	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Kidney: Cortex						
Mineralization						
LESION RATES						
OVERALL(a)	4/20 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	4/20.00	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	10%
TERMINAL (d)	4/20 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	92(T)					92(T)
STATISTICAL TESTS						
POLY 3	P=0.426N	P=0.170N	P=0.170N	P=0.170N	P=0.170N	P=0.433N
POLY 1.5	P=0.426N	P=0.170N	P=0.170N	P=0.170N	P=0.170N	P=0.433N
POLY 6	P=0.426N	P=0.170N	P=0.170N	P=0.170N	P=0.170N	P=0.433N
COCH-ARM / FISHERS	P=0.427N	P=0.177N	P=0.177N	P=0.177N	P=0.177N	P=0.449N
MAX-ISO-POLY-3	P=0.101N	P=0.094N	P=0.094N	P=0.094N	P=0.094N	P=0.279N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Species/Strain: Rat/F 344/N

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Kidney: Renal Tubule						
Casts						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	5/10 (50%)	10/10 (100%)
POLY-3 RATE (b)	0/20.00	0/10.00	0/10.00	1/10.00	5/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	50%	100%
TERMINAL (d)	0/20 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	5/10 (50%)	10/10 (100%)
FIRST INCIDENCE				92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	P=0.359	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=0.359	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	(e)	P=0.359	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.333	P=0.002**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.107	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 04626-01

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Kidney: Renal Tubule						
Degeneration Hyaline						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/20.00	0/10.00	0/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	100%	100%
TERMINAL (d)	0/20 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE				92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	(e)	P=NA	P=NA	P=NA
POLY 6	P=0.000**	(e)	(e)	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.000**	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Kidney: Renal Tubule						
Regeneration						
LESION RATES						
OVERALL(a)	20/20 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	20/20.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	100%	100%	100%	100%	100%	100%
TERMINAL (d)	20/20 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	92(T)	92(T)	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Liver						
Cytoplasmic Alteration						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/2 (0%)	1/2 (50%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/2.00	1/2.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	50%	0%	0%	0%
TERMINAL (d)	0/20 (0%)	0/2 (0%)	1/2 (50%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE			92(T)			
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.028*	(e)	(e)	(e)
POLY 1.5	(e)	(e)	P=0.028*	(e)	(e)	(e)
POLY 6	(e)	(e)	P=0.028*	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.563N	(e)	P=0.091	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	P<0.001**	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL(a)	1/20 (5%)	0/2 (0%)	1/2 (50%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/20.00	0/2.00	1/2.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	5%	0%	50%	0%	0%	0%
TERMINAL (d)	1/20 (5%)	0/2 (0%)	1/2 (50%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)		92(T)			
STATISTICAL TESTS						
POLY 3	(e)	P=0.918N	P=0.190	(e)	(e)	P=0.637N
POLY 1.5	(e)	P=0.918N	P=0.190	(e)	(e)	P=0.637N
POLY 6	(e)	P=0.918N	P=0.190	(e)	(e)	P=0.637N
COCH-ARM / FISHERS	P=0.351N	P=0.909N	P=0.177	(e)	(e)	P=0.667N
MAX-ISO-POLY-3	(e)	P=0.409N	P=0.047*	(e)	(e)	P=0.272N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Liver						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/2 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/2.00	0/2.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/20 (0%)	0/2 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Liver						
Necrosis						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/2 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/2.00	0/2.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/20 (0%)	0/2 (0%)	0/2 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Lung						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/20.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE						92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.359
COCH-ARM / FISHERS	P=0.184	(e)	(e)	(e)	(e)	P=0.333
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.107
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Lymph Node, Mandibular						
Hyperplasia Lymphoid						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Lymph Node: Mediastinal						
Angiectasis						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Mesentery: Fat						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	1/1.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE				92(T)		
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Pancreas: Acinus						
Atrophy						
LESION RATES						
OVERALL(a)	2/20 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	2/20.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	10%
TERMINAL (d)	2/20 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	92(T)					92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.734
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.734
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.734
COCH-ARM / FISHERS	P=0.627	(e)	(e)	(e)	(e)	P=0.719
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=1.000
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Preputial Gland						
Abscess						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/20.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE						92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.359
COCH-ARM / FISHERS	P=0.184	(e)	(e)	(e)	(e)	P=0.333
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.107
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Preputial Gland						
Inflammation Acute						
LESION RATES						
OVERALL(a)	1/20 (5%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/20.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/20 (5%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)					
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.637N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.637N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.637N
COCH-ARM / FISHERS	P=0.429N	(e)	(e)	(e)	(e)	P=0.667N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.272N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Skeletal Muscle						
Atrophy						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Spleen						
Congestion						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/20.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE						92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.359
COCH-ARM / FISHERS	P=0.184	(e)	(e)	(e)	(e)	P=0.333
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.107
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Urinary Bladder						
Calculus Gross Observation						
LESION RATES						
OVERALL(a)	2/20 (10%)	1/1 (100%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/20.00	1/1.00	1/1.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	100%	100%	0%	0%	0%
TERMINAL (d)	2/20 (10%)	1/1 (100%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	92(T)	92(T)			
STATISTICAL TESTS						
POLY 3	(e)	P=0.117	P=0.117	(e)	(e)	P=0.400N
POLY 1.5	(e)	P=0.117	P=0.117	(e)	(e)	P=0.400N
POLY 6	(e)	P=0.117	P=0.117	(e)	(e)	P=0.400N
COCH-ARM / FISHERS	P=0.166N	P=0.143	P=0.143	(e)	(e)	P=0.437N
MAX-ISO-POLY-3	(e)	P=0.020*	P=0.020*	(e)	(e)	P=0.189N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

### STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			MALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Urinary Bladder						
Calculus Micro Observation	Only					
LESION RATES						
OVERALL(a)	1/20 (5%)	1/1 (100%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/20.00	1/1.00	1/1.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	5%	100%	100%	0%	0%	0%
TERMINAL (d)	1/20 (5%)	1/1 (100%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	92(T)	92(T)			
STATISTICAL TESTS						
POLY 3	(e)	P=0.032*	P=0.032*	(e)	(e)	P=0.637N
POLY 1.5	(e)	P=0.032*	P=0.032*	(e)	(e)	P=0.637N
POLY 6	(e)	P=0.032*	P=0.032*	(e)	(e)	P=0.637N
COCH-ARM / FISHERS	P=0.248N	P=0.095	P=0.095	(e)	(e)	P=0.667N
MAX-ISO-POLY-3	(e)	P<0.001**	P<0.001**	(e)	(e)	P=0.272N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Brain						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Clitoral Gland						
Dilatation						
LESION RATES						
OVERALL(a)	1/20 (5%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/20.00	1/1.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	5%	100%	0%	0%	0%	0%
TERMINAL (d)	1/20 (5%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)	92(T)				
STATISTICAL TESTS						
POLY 3	(e)	P=0.032*	(e)	(e)	(e)	P=0.637N
POLY 1.5	(e)	P=0.032*	(e)	(e)	(e)	P=0.637N
POLY 6	(e)	P=0.032*	(e)	(e)	(e)	P=0.637N
COCH-ARM / FISHERS	P=0.299N	P=0.095	(e)	(e)	(e)	P=0.667N
MAX-ISO-POLY-3	(e)	P<0.001**	(e)	(e)	(e)	P=0.272N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Heart						
Cardiomyopathy						
LESION RATES						
OVERALL(a)	13/20 (65%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	9/10 (90%)
POLY-3 RATE (b)	13/20.00	0/0.00	0/0.00	0/0.00	0/0.00	9/10.00
POLY-3 PERCENT (g)	65%	0%	0%	0%	0%	90%
TERMINAL (d)	13/20 (65%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	9/10 (90%)
FIRST INCIDENCE	92(T)					92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.153
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.153
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.153
COCH-ARM / FISHERS	P=0.107	(e)	(e)	(e)	(e)	P=0.154
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.103
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Intestine Large, Cecum						
Dilatation						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/0.00	0/0.00	0/0.00	1/1.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	0%
TERMINAL (d)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)
FIRST INCIDENCE					92(T)	
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=NA	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=NA	(e)
POLY 6	(e)	(e)	(e)	(e)	P=NA	(e)
COCH-ARM / FISHERS	P=0.577	(e)	(e)	(e)	P=0.048*	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Kidney						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	3/20 (15%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	4/10 (40%)
POLY-3 RATE (b)	3/20.00	1/10.00	0/10.00	0/10.00	2/10.00	4/10.00
POLY-3 PERCENT (g)	15%	10%	0%	0%	20%	40%
TERMINAL (d)	3/20 (15%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	4/10 (40%)
FIRST INCIDENCE	92(T)	92(T)			92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.017*	P=0.573N	P=0.261N	P=0.261N	P=0.567	P=0.141
POLY 1.5	P=0.017*	P=0.573N	P=0.261N	P=0.261N	P=0.567	P=0.141
POLY 6	P=0.017*	P=0.573N	P=0.261N	P=0.261N	P=0.567	P=0.141
COCH-ARM / FISHERS	P=0.019*	P=0.593N	P=0.281N	P=0.281N	P=0.551	P=0.143
MAX-ISO-POLY-3	P=0.030*	P=0.375N	P=0.134N	P=0.134N	P=0.386	P=0.092
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Kidney: Cortex						
Mineralization						
LESION RATES						
OVERALL(a)	20/20 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	20/20.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	100%	100%	100%	100%	100%	100%
TERMINAL (d)	20/20 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	92(T)	92(T)	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 04626-01

Test Type: 90-DAY

Route: DOSED FEED

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Kidney: Renal Tubule						
Casts						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/20 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

	FEMALE								
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0			
Kidney: Renal Tubule									
Degeneration Hyaline									
LESION RATES									
OVERALL(a)	0/20 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)			
POLY-3 RATE (b)	0/20.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00			
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%			
TERMINAL (d)	0/20 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)			
FIRST INCIDENCE									
STATISTICAL TESTS									
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)			
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)			
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)			
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)			
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)			
HISTCONT SAME RTE									
HISTCONT ALL RTES									
CURR VS HC SAME RTE									
CURR VS HC ALL RTES									

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

### STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Kidney: Renal Tubule						
Regeneration						
LESION RATES						
OVERALL(a)	15/20 (75%)	5/10 (50%)	6/10 (60%)	5/10 (50%)	9/10 (90%)	7/10 (70%)
POLY-3 RATE (b)	15/20.00	5/10.00	6/10.00	5/10.00	9/10.00	7/10.00
POLY-3 PERCENT (g)	75%	50%	60%	50%	90%	70%
TERMINAL (d)	15/20 (75%)	5/10 (50%)	6/10 (60%)	5/10 (50%)	9/10 (90%)	7/10 (70%)
FIRST INCIDENCE	92(T)	92(T)	92(T)	92(T)	92(T)	92(T)
STATISTICAL TESTS						
POLY 3	P=0.338	P=0.169N	P=0.340N	P=0.169N	P=0.317	P=0.556N
POLY 1.5	P=0.338	P=0.169N	P=0.340N	P=0.169N	P=0.317	P=0.556N
POLY 6	P=0.338	P=0.169N	P=0.340N	P=0.169N	P=0.317	P=0.556N
COCH-ARM / FISHERS	P=0.338	P=0.169N	P=0.331N	P=0.169N	P=0.326	P=0.548N
MAX-ISO-POLY-3	P=0.361	P=0.119N	P=0.237N	P=0.119N	P=0.206	P=0.403N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Liver						
Cytoplasmic Alteration						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/1 (0%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/1.00	0/0.00	0/2.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/20 (0%)	0/1 (0%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Experiment Number: 04626-01

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL(a)	0/20 (0%)	1/1 (100%)	0/0 (0%)	1/2 (50%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	1/1.00	0/0.00	1/2.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	100%	0%	50%	0%	0%
TERMINAL (d)	0/20 (0%)	1/1 (100%)	0/0 (0%)	1/2 (50%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE		92(T)		92(T)		
STATISTICAL TESTS						
POLY 3	(e)	P=NA	(e)	P=0.028*	(e)	(e)
POLY 1.5	(e)	P=NA	(e)	P=0.028*	(e)	(e)
POLY 6	(e)	P=NA	(e)	P=0.028*	(e)	(e)
COCH-ARM / FISHERS	P=0.450N	P=0.048*	(e)	P=0.091	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	P<0.001**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Liver						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/1 (0%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/20.00	0/1.00	0/0.00	0/2.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/20 (0%)	0/1 (0%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE						92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.359
COCH-ARM / FISHERS	P=0.167	(e)	(e)	(e)	(e)	P=0.333
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.107
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Liver						
Necrosis						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/1 (0%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/20.00	0/1.00	0/0.00	0/2.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/20 (0%)	0/1 (0%)	0/0 (0%)	0/2 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE						92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.359
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.359
COCH-ARM / FISHERS	P=0.167	(e)	(e)	(e)	(e)	P=0.333
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.107
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Lung						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Lymph Node, Mandibular						
Hyperplasia Lymphoid						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/0.00	0/0.00	1/1.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	0%	0%
TERMINAL (d)	0/20 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE				92(T)		
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	P=NA	(e)	(e)
POLY 1.5	(e)	(e)	(e)	P=NA	(e)	(e)
POLY 6	(e)	(e)	(e)	P=NA	(e)	(e)
COCH-ARM / FISHERS	P=0.645N	(e)	(e)	P=0.048*	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Lymph Node: Mediastinal						
Angiectasis						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	1/1.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	100%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE			92(T)			
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Mesentery: Fat						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Ovary						
Cyst						
LESION RATES						
OVERALL(a)	1/20 (5%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/20.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	5%	0%	0%	0%	0%	10%
TERMINAL (d)	1/20 (5%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	92(T)					92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.599
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.599
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.599
COCH-ARM / FISHERS	P=0.449	(e)	(e)	(e)	(e)	P=0.563
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.332
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Pancreas: Acinus						
Atrophy						
LESION RATES						
OVERALL(a)	1/20 (5%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/20.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	5%	0%	0%	0%	0%	0%
TERMINAL (d)	1/20 (5%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92(T)					
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.637N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.637N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.637N
COCH-ARM / FISHERS	P=0.429N	(e)	(e)	(e)	(e)	P=0.667N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.272N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

# STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Skeletal Muscle						
Atrophy						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)
FIRST INCIDENCE						92(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Spleen						
Congestion						
LESION RATES						
OVERALL(a)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/20.00	0/0.00	0/0.00	0/0.00	1/1.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	0%
TERMINAL (d)	0/20 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)
FIRST INCIDENCE					92(T)	
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=NA	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=NA	(e)
POLY 6	(e)	(e)	(e)	(e)	P=NA	(e)
COCH-ARM / FISHERS	P=0.577	(e)	(e)	(e)	P=0.048*	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Urinary Bladder						
Calculus Gross Observation						
LESION RATES						
OVERALL(a)	0/19 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/19.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

# STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

			FEMALE			
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0
Urinary Bladder						
Calculus Micro Observation	Only					
LESION RATES						
OVERALL(a)	0/19 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/19.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

**Test Compound:** 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

## STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N) LAST REMOVAL AT 14286 WEEKS

FEMALE							
DOSE	VEHICLE	0.5	1.0	2.0	4.0	8.0	
Uterus							
Dilatation							
LESION RATES							
OVERALL(a)	1/20 (5%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/3 (0%)	0/10 (0%)	
POLY-3 RATE (b)	1/20.00	1/1.00	0/0.00	0/0.00	0/3.00	0/10.00	
POLY-3 PERCENT (g)	5%	100%	0%	0%	0%	0%	
TERMINAL (d)	1/20 (5%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/3 (0%)	0/10 (0%)	
FIRST INCIDENCE	92(T)	92(T)					
STATISTICAL TESTS							
POLY 3	(e)	P=0.032*	(e)	(e)	P=0.859N	P=0.637N	
POLY 1.5	(e)	P=0.032*	(e)	(e)	P=0.859N	P=0.637N	
POLY 6	(e)	P=0.032*	(e)	(e)	P=0.859N	P=0.637N	
COCH-ARM / FISHERS	P=0.275N	P=0.095	(e)	(e)	P=0.870N	P=0.667N	
MAX-ISO-POLY-3	(e)	P<0.001**	(e)	(e)	P=0.387N	P=0.272N	
HISTCONT SAME RTE							
HISTCONT ALL RTES							
CURR VS HC SAME RTE							
CURR VS HC ALL RTES							

Experiment Number: 04626-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N

#### P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: 1,1,1-Trichloroethane

CAS Number: 71-55-6

Date Report Requested: 10/18/2014 Time Report Requested: 16:24:43 First Dose M/F: NA / NA Lab: TSI MASON

#### LEGEND

(a)	Number of tumor-bearing animals/number of animals examined at site.
(b)	Number of tumor-bearing animals/Poly-3 number
(d)	Observed incidence at terminal kill.
(e)	Value of statistic cannot be computed.
(f)	Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
(g)	Poly-3 adjusted lifetime tumor incidence.
(n)	No statistics are calculated if all dose groups have fewer than two tumors.
(I)	Interim sacrifice
(T)	Terminal sacrifice
#	Tumor rates based on numbers of animals necropsied.
*	To the right of any statistical result, indicates significance at (P<=0.05).
**	To the right of any statistical result, indicates significance at (P<=0.01).
Ν	Indicates a negative trend for all tests

The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

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