

APPENDIX A

Experimental Design for Vinyl Chloride Study

Group	Mice		Number of Animals Rats		Hamsters		Specified Exposure Levels
	M	F	M	F	M	F	
Control	100	100	100	100	100	100	-
T1*	100	100	100	100	100	100	50 ppm vinyl chloride
T2*	100	100	100	100	100	100	200 ppm vinyl chloride
T3*	100	100	100	100	100	100	2500 ppm vinyl chloride
T4**	-	-	100#		-	-	2500 ppm vinyl chloride

*No food, water, or bedding in cages during exposure

**Food, water, and bedding to remain in cages during exposure

#All rats of same sex, females were exposed.

APPENDIX B

TISSUE ACCOUNTABILITY SUMMARY

According to:

- I. Tissues Required by Protocol
- II. Tissues Examined by IBT
- III. Total Tissues Available According to IBT Inventory

	<u>Untreated Controls</u>		<u>Group T-1</u>		<u>Group T-2</u>		<u>Group T-3</u>		<u>Group T-4</u>	
	<u>Totals</u>	<u>Per Cent</u>	<u>Totals</u>	<u>Per Cent</u>	<u>Totals</u>	<u>Per Cent</u>	<u>Totals</u>	<u>Per Cent</u>	<u>Totals</u>	<u>Per Cent</u>
<u>RATS - MALE</u>										
Tissues Required by Protocol	4,000		4,000		4,000		4,000			
Total Tissues Examined by IBT	590	14.75	588	14.70	706	17.65	386	9.65		
Total Tissues Available	998	24.95	930	23.25	1,061	26.52	1,103	27.57		
<u>RATS - FEMALE</u>										
Tissues Required by Protocol	3,900		3,900		3,900		3,900		3,900	
Total Tissues Examined by IBT	815	20.89	475	12.17	395	10.12	299	7.66	377	9.66
Total Tissues Available	1,263	32.38	853	21.87	908	23.28	970	24.87	856	21.94
<u>MICE - MALE</u>										
Tissues Required by Protocol	4,000		4,000		4,000		4,000			
Total Tissues Examined by IBT	262	6.55	349	8.72	284	7.10	205	5.12		
Total Tissues Available	497	12.42	548	13.70	739	18.47	766	19.15		
<u>MICE - FEMALE</u>										
Tissues Required by Protocol	3,900		3,900		3,900		3,900			
Total Tissues Examined by IBT	314	8.05	295	7.56	289	7.41	208	5.33		
Total Tissues Available	402	10.30	599	15.35	942	24.15	910	23.33		
<u>HAMSTERS - MALE</u>										
Tissues Required by Protocol	4,000		4,000		4,000		4,000			
Total Tissues Examined by IBT	333	8.32	384	9.60	453	11.32	315	7.87		
Total Tissues Available	511	12.77	485	12.12	743	18.57	761	19.02		
<u>HAMSTERS - FEMALE</u>										
Tissues Required by Protocol	3,900		3,900		3,900		3,900			
Total Tissues Examined by IBT	222	5.69	217	5.56	485	12.43	167	4.28		
Total Tissues Available	372	9.53	406	10.41	677	17.35	454	11.64		