

	Estrous Stages Preface	Appendix G
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Footnote:

^aP2 Generation animals were not smeared on estrous evaluation Day 12 due to technician error.

BFG44056

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APPENDIX G

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
P2 GENERATION

ESTROUS STAGES

GROUP III - 100 PPM

FEMALE#	DAY OF ESTROUS EVALUATION																																					
	1	2	3	4	5	6	7	8	9	10	11	12 ^a	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
3531	D	D	E	E	D	D	D	P	E	D	D		E	D	D	D	D	E	E	E	D	D	D	E	D	D	D	E	S									
3532	E	D	D	D	D	D	D	D	D	D	D		D	D	P	E	D	D	D	D	D	D	D	D	D	D	D	C										
3533	E	D	D	D	D	D	D	D	D	D	D		D	D	E	D	D	P	E	D	D	D	C															
3534	D	E	D	D	D	D	D	D	D	D	D		D	D	D	E	M	D	P	E	E	D	P	C														
3535	E	D	D	D	E	M	D	D	E	D	D		E	M	D	D	E	D	D	E	E	D	D	P	C													
3536	D	D	E	P	E	D	E	D	D	E	E		D	D	E	M	D	D	E	M	D	P	S															
3537	D	D	E	D	D	P	E	D	D	P	E		D	P	E	D	D	E	E	D	D	P	C															
3538	D	D	D	E	D	D	P	E	D	D	E		D	D	D	E	D	D	E	E	D	D	P	C														
3539	D	D	E	D	D	D	E	D	D	D	E		D	D	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	S								
3541	E	D	D	D	D	E	D	D	D	D	E		D	D	P	E	D	D	D	E	E	D	D	P	E	D	D	D	C									
3543	D	E	E	D	D	D	E	D	D	D	E		D	D	E	M	D	P	E	E	D	D	S															
3545	D	D	D	E	D	D	P	E	D	D	D		D	D	E	E	M	D	D	E	D	D	D	C														
3547	D	E	E	D	D	D	E	E	D	D	D		E	M	D	D	E	E	D	D	D	D	P	C														
3549	D	D	E	E	D	D	D	E	M	D	D		D	D	P	E	D	D	E	D	D	D	P	C														
3550	D	E	D	D	D	E	D	D	D	D	D		E	E	D	D	D	E	D	E	D	E	D	D	D	S												

D=DIESTRUS M=METESTRUS P=PROESTRUS E=ESTRUS S=SPERM C=COPULATORY PLUG

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BFG 002901

APPENDIX G

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
P1 GENERATION

ESTROUS STAGES

GROUP II - 10 PPM

FEMALE#	DAY OF ESTROUS EVALUATION																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38		
2501	D	E	D	D	P	E	D	D	D	E	D	D	D	D	E	D	P	E	D	D	D	E	D	D	D	C														
2502	D	E	D	D	E	E	D	D	D	E	D	D	D	D	E	D	D	E	D	D	D	E	D	D	D	E	S													
2503	D	E	E	M	D	D	D	D	D	D	D	D	D	D	D	E	M	D	P	E	D	D	D	S																
2504	E	D	D	D	E	E	E	E	M	D	P	E	D	D	E	E	D	D	E	D	D	D	C																	
2505	D	E	E	D	D	D	P	E	E	D	D	E	E	E	E	E	D	D	D	P	E	D	D	D	P	S														
2506	D	D	E	M	D	D	D	D	D	D	D	D	D	D	D	D	E	M	D	D	E	D	D	D	S															
2507	D	D	E	M	D	D	P	E	D	D	D	E	D	D	P	D	D	D	D	E	D	D	D	E	D	D	D	C												
2508	D	D	E	E	D	D	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	E	D	D	D	C														
2509	M	D	P	E	E	D	D	D	E	E	M	D	D	P	E	D	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	S								
2510	D	D	P	E	D	D	D	D	E	D	D	D	E	D	D	D	E	D	D	D	E	D	D	P	C															
2511	D	D	P	E	D	D	P	E	D	D	E	E	D	D	P	E	M	D	D	D	D	D	D	E	D	D	P	S												
2512	E	E	E	E	E	E	D	D	D	D	E	E	D	D	E	D	D	D	E	D	D	D	E	E	D	E	E	E	E	E	E	E	E	E	E	E	E	E		
2513	D	E	M	D	D	E	E	M	D	D	E	E	D	D	D	D	E	D	D	D	E	E	M	D	D	P	C													
2514	D	E	D	D	D	E	D	D	D	D	E	D	D	D	E	E	D	D	D	P	E	D	D	D	D	C														
2515	D	D	D	D	E	E	D	D	D	D	P	D	D	D	E	E	D	D	D	E	D	D	D	S																

D=DIESTRUS M=METESTRUS P=PROESTRUS E=ESTRUS S=SPERM C=COPULATORY PLUG

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REPRODUCTION STUDY

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APPENDIX G

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
P2 GENERATION

ESTROUS STAGES

GROUP I - 0 PPM

FEMALE#	DAY OF ESTROUS EVALUATION																																					
	1	2	3	4	5	6	7	8	9	10	11	12 ^a	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
1531	D	D	D	E	D	D	D	E	D	D	D		D	D	D	E	D	D	D	E	D	D	E	D	D	D	E	E	M	D	D	C						
1533	E	D	D	E	E	D	D	D	E	D	D		E	D	D	E	E	D	D	D	E	M	D	D	D	E	D	D	S									
1535	D	D	D	D	E	E	M	D	D	D	E		D	D	E	D	D	E	E	D	D	D	C															
1537	D	E	D	D	D	E	D	D	D	E	D		E	E	D	D	D	E	E	E	D	D	S															
1538	D	E	D	E	D	D	E	D	P	E	D		E	E	D	D	D	E	E	M	D	D	C															
1539	E	D	D	D	E	E	D	D	E	E	D		P	E	D	D	D	E	D	D	D	E	D	D	E	C												
1540	E	E	D	D	D	E	D	D	E	E	D		E	E	D	D	D	E	D	D	D	P	C															
1541	D	E	D	D	D	E	D	D	E	E	D		E	E	D	D	D	E	D	D	D	E	C															
1542	E	D	D	P	E	D	D	D	E	D	D		E	D	D	D	E	E	E	E	E	M	C															
1543	D	D	D	E	D	D	D	E	D	D	D		E	D	D	E	E	M	D	E	E	D	D	P	C													
1545	E	D	D	D	E	E	D	D	D	D	D		D	D	D	D	D	D	E	D	P	E	E	D	D	D	P	C										
1547	E	E	D	D	E	E	D	D	E	D	D		E	E	D	D	D	E	E	D	D	E	E	D	D	E	D	D	D	D	D	D	D	D	E	D		
1549	E	D	D	D	E	D	D	E	E	D	D		E	D	D	D	E	M	D	E	E	D	D	D	E	D	D	D	C									
1551	D	D	D	P	E	D	D	D	D	E	D		D	D	D	D	D	E	D	D	D	D	C															
1553	D	D	P	E	D	D	P	E	D	D	E		D	D	P	E	D	D	E	E	D	D	P	C														

BFG
BFG=DIESTRUS M=METESTRUS P=PROESTRUS E=ESTRUS S=SPERM C=COPULATORY PLUG

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APPENDIX G

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
P1 GENERATION

ESTROUS STAGES

GROUP IV - 1100 PPM

FEMALE#	DAY OF ESTROUS EVALUATION																																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
4501	D	D	D	E	E	D	D	D	E	M	D	D	P	E	M	D	D	E	E	D	D	D	S																
4502	E	D	D	E	E	D	D	D	E	D	D	D	E	D	D	P	E	D	D	D	E	D	D	P	S														
4503	E	D	D	E	D	D	D	E	E	D	D	E	D	D	E	E	M	D	D	E	D	D	D	C															
4504	D	D	P	E	E	D	D	D	D	D	D	E	M	D	D	D	E	E	E	E	E	D	C																
4505	D	E	D	D	D	E	M	D	D	E	D	D	E	E	M	D	D	E	D	D	D	E	D	D	P	S													
4506	E	D	D	E	E	D	D	D	E	D	D	P	E	M	D	D	E	D	D	D	E	D	D	P	C														
4507	P	E	D	D	D	E	M	D	P	E	M	D	E	D	D	D	P	E	D	D	D	E	D	D	D	S													
4508	D	E	D	D	D	E	M	D	D	E	M	D	D	E	M	D	D	E	D	D	D	D	D	D	D	S													
4509	M	D	D	E	D	D	D	D	E	D	D	D	E	D	D	D	D	E	D	D	D	E	D	D	C														
4510	E	E	E	E	D	E	E	E	E	E	E	E	E	E	E	D	E	E	E	E	D	E	D	E	E	E	E	E	E	E	E	E	E	E	E	E	C		
4511	E	D	D	D	E	M	D	D	D	D	D	D	D	D	D	D	D	D	D	P	E	D	D	D	S														
4512	E	D	D	P	E	E	D	D	D	P	E	D	D	D	E	E	D	D	D	E	E	D	D	P	C														
4513	D	D	E	D	D	D	D	E	M	D	D	E	M	D	P	E	D	D	D	E	D	D	D	C															
4514	M	D	P	E	M	D	D	D	D	D	D	E	E	D	D	D	E	D	D	D	P	E	D	D	D	E	C												
4515	D	D	E	D	D	D	E	D	D	D	D	E	M	D	D	E	D	D	E	E	D	D	D	S															

D=DIESTRUS M=METESTRUS P=PROESTRUS E=ESTRUS S=SPERM C=COPULATORY PLUG

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APPENDIX G
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
P1 GENERATION

ESTROUS STAGES

GROUP II - 10 PPM	
DAY OF ESTROUS EVALUATION	
FEMALE#	39 40 41 42

2501
2502
2503
2504
2505
2506
2507
2508
2509
2510
2511
2512
2513
2514
2515

A E P E

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D=DIESTRUS M=METESTRUS P=PROESTRUS E=ESTRUS S=SPERM C=COPULATORY PLUG

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APPENDIX G

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
P1 GENERATION

ESTROUS STAGES

GROUP II - 10 PPM

FEMALE# DAY OF ESTROUS EVALUATION
39 40 41 42

2501
2502
2503
2504
2505
2506
2507
2508
2509
2510
2511
2512
2513
2514
2515

E E E E

BFG

BFG =DIESTRUS M=METESTRUS P=PROESTRUS E=ESTRUS S=SPERM C=COPULATORY PLUG

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APPENDIX G

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
P1 GENERATION

ESTROUS STAGES

GROUP IV - 1100 PPM

FEMALE#	DAY OF ESTROUS EVALUATION																																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
4501	D	D	D	E	E	D	D	D	E	M	D	D	P	E	M	D	D	E	E	D	D	D	S																
4502	E	D	D	E	E	D	D	D	E	D	D	D	E	D	D	P	E	D	D	D	E	D	D	P	S														
4503	E	D	D	E	D	D	D	E	E	D	D	D	E	D	E	M	D	D	E	D	D	D	C																
4504	D	D	P	E	E	D	D	D	D	D	D	E	M	D	D	D	E	E	E	E	E	D	C																
4505	D	E	D	D	D	E	M	D	D	E	D	D	E	E	M	D	D	E	D	D	D	E	D	D	P	S													
4506	E	D	D	E	E	D	D	D	E	D	D	P	E	M	D	D	E	D	D	E	D	D	P	C															
4507	P	E	D	D	D	E	M	D	P	E	M	D	E	D	D	D	P	E	D	D	D	E	D	D	D	S													
4508	D	E	D	D	D	E	M	D	D	E	M	D	D	E	M	D	D	E	D	D	D	D	D	D	D	S													
4509	M	D	D	E	D	D	D	D	E	D	D	D	E	D	D	D	E	D	D	D	E	D	D	C															
4510	E	E	E	E	D	E	E	E	E	E	E	E	E	E	E	D	E	E	E	D	E	D	S	E	E	E	E	E	E	E	E	E	E	E	E	E	C		
4511	E	D	D	D	E	M	D	D	D	D	D	D	D	D	D	D	D	D	D	P	E	D	D	S															
4512	E	D	D	P	E	E	D	D	D	P	E	D	D	D	E	D	D	D	E	D	D	E	D	P	C														
4513	D	D	E	D	D	D	D	E	M	D	D	E	M	D	P	E	D	D	D	E	D	D	C																
4514	M	D	P	E	M	D	D	D	D	D	D	E	E	D	D	D	E	D	D	D	P	E	D	D	E	C													
4515	D	D	E	D	D	D	E	D	D	D	D	E	M	D	D	E	D	D	E	E	D	D	S																

D=DIESTRUS M=METESTRUS P=PROESTRUS E=ESTRUS S=SPERM C=COPULATORY PLUG

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REPRODUCTION STUDY

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APPENDIX G

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
P2 GENERATION

ESTROUS STAGES

GROUP I - 0 PPM

FEMALE#	DAY OF ESTROUS EVALUATION																																					
	1	2	3	4	5	6	7	8	9	10	11	12 ^a	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
1531	D	D	D	E	D	D	D	E	D	D	D		D	D	D	E	D	D	D	E	D	D	E	D	D	D	E	E	M	D	D	C						
1533	E	D	D	E	E	D	D	D	E	D	D		E	D	D	E	E	D	D	D	E	M	D	D	E	D	D	D	S									
1535	D	D	D	D	E	E	M	D	D	D	E		D	D	E	D	D	E	E	D	D	D	C															
1537	D	E	D	D	D	E	D	D	D	E	D		E	E	D	D	D	E	E	E	D	D	S															
1538	D	E	D	E	D	D	E	D	P	E	D		E	E	D	D	D	E	E	M	D	D	C															
1539	E	D	D	D	E	E	D	D	E	E	D		P	E	D	D	D	E	D	D	D	E	D	D	E	C												
1540	E	E	D	D	D	E	D	D	E	E	D		E	E	D	D	D	E	D	D	D	P	C															
1541	D	E	D	D	D	E	D	D	E	E	D		E	E	D	D	D	E	D	D	D	E	C															
1542	E	D	D	P	E	D	D	D	E	D	D		E	D	D	D	E	E	E	E	E	M	C															
1543	D	D	D	E	D	D	D	E	D	D	D		E	D	D	E	E	M	D	E	E	D	D	P	C													
1545	E	D	D	D	E	E	D	D	D	D	D		D	D	D	D	D	D	E	D	P	E	E	D	D	D	P	C										
1547	E	E	D	D	E	E	D	D	E	D	D		E	E	D	D	D	E	E	D	D	E	E	D	D	E	D	D	D	D	D	D	D	D	E	D		
1549	E	D	D	D	E	D	D	E	E	D	D		E	D	D	D	E	M	D	E	E	D	D	D	E	D	D	D	C									
1551	D	D	D	P	E	D	D	D	E	D	D		D	D	D	D	D	E	D	D	D	D	C															
1553	D	D	P	E	D	D	P	E	D	D	E		D	D	P	E	D	D	E	E	D	D	P	C														

BFG
BFG=DIESTRUS M=METESTRUS P=PROESTRUS E=ESTRUS S=SPERM C=COPULATORY PLUG

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APPENDIX G

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
P1 GENERATION

ESTROUS STAGES

GROUP II - 10 PPM

FEMALE#	DAY OF ESTROUS EVALUATION																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38		
2501	D	E	D	D	P	E	D	D	D	E	D	D	D	D	E	D	P	E	D	D	D	E	D	D	D	C														
2502	D	E	D	D	E	E	D	D	D	E	D	D	D	D	E	D	D	E	D	D	D	E	D	D	D	E	S													
2503	D	E	E	M	D	D	D	D	D	D	D	D	D	D	E	M	D	P	E	D	D	D	S																	
2504	E	D	D	D	E	E	E	E	M	D	P	E	D	D	E	E	D	D	E	D	D	D	C																	
2505	D	E	E	D	D	D	P	E	E	D	D	E	E	E	E	D	D	D	P	E	D	D	D	P	S															
2506	D	D	E	M	D	D	D	D	D	D	D	D	D	D	D	E	M	D	D	E	D	D	D	S																
2507	D	D	E	M	D	D	P	E	D	D	D	E	D	D	P	D	D	D	D	E	D	D	D	E	D	D	D	D	C											
2508	D	D	E	E	D	D	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	E	D	D	D	C														
2509	M	D	P	E	E	D	D	D	E	M	D	D	P	E	D	E	D	D	E	D	D	D	D	D	D	D	D	D	D	D	D	S								
2510	D	D	P	E	D	D	D	D	E	D	D	D	E	D	D	D	E	D	D	D	E	D	D	P	C															
2511	D	D	P	E	D	D	P	E	D	D	E	E	D	D	P	E	M	D	D	D	D	D	D	E	D	D	P	S												
2512	E	E	E	E	E	E	D	D	D	E	E	D	D	E	D	D	D	E	D	D	D	D	E	E	D	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
2513	D	E	M	D	D	E	E	M	D	D	E	E	D	D	D	D	E	D	D	D	E	E	M	D	D	P	C													
2514	D	E	D	D	D	E	D	D	D	D	E	D	D	D	E	E	D	D	D	P	E	D	D	D	D	C														
2515	D	D	D	D	E	E	D	D	D	D	P	D	D	D	E	E	D	D	D	E	D	D	D	S																

D=DIESTRUS M=METESTRUS P=PROESTRUS E=ESTRUS S=SPERM C=COPULATORY PLUG

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APPENDIX G

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
P2 GENERATION

ESTROUS STAGES

GROUP III - 100 PPM

FEMALE#	DAY OF ESTROUS EVALUATION																																						
	1	2	3	4	5	6	7	8	9	10	11	12 ^a	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
3531	D	D	E	E	D	D	D	P	E	D	D		E	D	D	D	D	D	E	E	E	D	D	D	E	D	D	E	S										
3532	E	D	D	D	D	D	D	D	D	D	D		D	D	P	E	D	D	D	D	D	D	D	D	D	D	D	D	C										
3533	E	D	D	D	D	D	D	D	D	D	D		D	D	E	D	D	P	E	D	D	D	C																
3534	D	E	D	D	D	D	D	D	D	D	D		D	D	D	E	M	D	P	E	E	D	P	C															
3535	E	D	D	D	E	M	D	D	E	D	D		E	M	D	D	E	D	D	E	E	D	D	P	C														
3536	D	D	E	P	E	D	E	D	D	E	E		D	D	E	M	D	D	E	M	D	P	S																
3537	D	D	E	D	D	P	E	D	D	P	E		D	P	E	D	D	E	E	D	D	P	C																
3538	D	D	D	E	D	D	P	E	D	D	E		D	D	D	E	D	D	E	E	D	D	P	C															
3539	D	D	E	D	D	D	E	D	D	D	E		D	D	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	S									
3541	E	D	D	D	D	E	D	D	D	D	E		D	D	P	E	D	D	D	E	E	D	D	P	E	D	D	D	D	C									
3543	D	E	E	D	D	D	E	D	D	D	E		D	D	E	M	D	P	E	E	D	D	S																
3545	D	D	D	E	D	D	P	E	D	D	D		D	D	E	E	M	D	D	E	D	D	D	C															
3547	D	E	E	D	D	D	E	E	D	D	D		E	M	D	D	E	E	D	D	D	D	P	C															
3549	D	D	E	E	D	D	D	E	M	D	D		D	D	P	E	D	D	E	D	D	D	P	C															
3550	D	E	D	D	D	E	D	D	D	D	D		E	E	D	D	D	E	D	E	D	E	D	D	D	S													

DIESTRUS M=METESTRUS P=PROESTRUS E=ESTRUS S=SPERM C=COPULATORY PLUG

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	Estrous Stages Preface	Appendix G
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Footnote:

^aP2 Generation animals were not smeared on estrous evaluation Day 12 due to technician error.

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