

FINAL REPORT

Volume 3 of 4
(Appendices A [Tables A24-A58] and B)

STUDY TITLE

A 28-DAY ORAL (GAVAGE) TOXICITY STUDY
OF H-28397 IN RATS WITH A 28-DAY RECOVERY

STUDY NUMBER

WIL-189205

DATA REQUIREMENT

OECD Guideline 407

STUDY DIRECTOR

Matthew C. Haas, BA, LAT

STUDY INITIATION DATE

16 November 2007

STUDY COMPLETION DATE

22 August 2008

PERFORMING LABORATORY

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SPONSOR WORK REQUEST, SERVICE CODE

WR 17568, SC 1023

SPONSOR STUDY NUMBER

DuPont-24447

SPONSOR

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1090 Elkton Road, P.O. Box 50
Newark, Delaware 19714
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APPENDIX A

Individual Animal Data (continued)

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A24 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

PAGE 1
WEEK 4

ANIMAL	ALBUMIN	TOTAL PROTEIN	GLOBULIN	A/G RATIO	TOTAL BILI	UREA NITROGEN	CREAT- ININE	ALKALINE PHOS'TSE	ALANINE TRANSFER	ASPARTAT TRANSFER	GLUTAMYL TRANSFER
	g/dL	g/dL	g/dL		mg/dL	mg/dL	mg/dL	U/L	U/L	U/L	U/L
GROUP: 0 MG/KG/DAY	FEMALES										
90175	4.1	6.5	2.4	1.70	0.1	16.2	0.1	94.	33.	94.	1.7
90177	4.2	6.7	2.5	1.73	0.1	17.7	0.1	104.	38.	118.	1.6
90192	4.8	7.3	2.5	1.92	0.2	20.3	0.2	175.	30.	76.	3.5
90204	4.6	7.1	2.5	1.81	0.1	20.0	0.2	129.	38.	77.	1.6
90209	4.3	6.4	2.0	2.12	0.1	18.3	0.3	128.	27.	82.	1.9
90214	4.7	6.8	2.1	2.25	0.1	15.3	0.2	113.	59.	127.	1.6
90224	4.7	7.1	2.3	2.04	0.1	18.4	0.1	201.	38.	97.	1.9
90225	4.7	7.1	2.4	1.95	0.1	12.0	0.2	132.	25.	70.	1.8
90232	4.3	6.6	2.3	1.90	0.1	16.6	0.1	187.	23.	90.	3.6
90235	4.7	7.1	2.4	1.91	0.1	17.5	0.2	122.	36.	86.	1.4
MEAN	4.5	6.9	2.3	1.93	0.1	17.2	0.2	139.	35.	92.	2.1
S.D.	0.26	0.31	0.17	0.170	0.03	2.41	0.07	36.4	10.2	18.4	0.80
S.E.	0.08	0.10	0.05	0.054	0.01	0.76	0.02	11.5	3.2	5.8	0.25
N	10	10	10	10	10	10	10	10	10	10	10
mg/dL = MILLIGRAMS/DECILITER, U/L = INTERNATIONAL UNIT/LITER, g/dL = GRAMS/DECILITER											

PROJECT NO.:WIL-189205F
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TABLE A24 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

ANIMAL	GLUCOSE	CHOL- ESTEROL	CALCIUM	CHLORIDE	PHOS- PHORUS	POTAS- SIUM	SODIUM	TRIGLY- CERIDE
	mg/dL	mg/dL	mg/dL	mEq/L	mg/dL	mEq/L	mEq/L	mg/dL
GROUP: 0 MG/KG/DAY		FEMALES						
90175	101.	79.	10.7	100.	6.8	4.51	139.	30.
90177	121.	78.	10.6	102.	7.0	5.28	140.	37.
90192	104.	98.	11.0	100.	7.5	3.37	141.	87.
90204	106.	77.	11.4	101.	8.4	4.47	142.	83.
90209	120.	74.	10.6	101.	7.8	4.30	141.	61.
90214	121.	90.	11.1	102.	8.3	4.33	144.	67.
90224	118.	102.	11.4	103.	7.8	3.87	143.	62.
90225	112.	88.	11.1	103.	8.1	4.39	145.	57.
90232	111.	69.	10.8	104.	8.6	4.29	143.	67.
90235	119.	75.	11.0	101.	8.3	4.92	141.	56.
MEAN	113.	83.	11.0	102.	7.9	4.37	142.	61.
S.D.	7.6	10.9	0.29	1.3	0.60	0.519	1.9	17.7
S.E.	2.4	3.5	0.09	0.4	0.19	0.164	0.6	5.6
N	10	10	10	10	10	10	10	10

mg/dL = MILLIGRAMS/DECILITER, mEq/L = MILLIEQUIVALENTS/LITER

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
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TABLE A24 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

PAGE 3
WEEK 4

ANIMAL	ALBUMIN	TOTAL PROTEIN	GLOBULIN	A/G RATIO	TOTAL BILI	UREA NITROGEN	CREAT- ININE	ALKALINE PHOS'TSE	ALANINE TRANSFER	ASPARTAT TRANSFER	GLUTAMYL TRANSFER
	g/dL	g/dL	g/dL		mg/dL	mg/dL	mg/dL	U/L	U/L	U/L	U/L
GROUP: 3	MG/KG/DAY	FEMALES									
90193	4.5	7.0	2.6	1.75	0.1	19.1	0.2	109.	39.	101.	2.8
90199	4.5	6.9	2.4	1.93	0.1	13.8	0.1	105.	44.	80.	1.8
90206	4.5	6.8	2.3	1.93	0.2	17.8	0.2	129.	32.	78.	2.6
90210	4.7	7.4	2.7	1.73	0.1	17.2	0.3	236.	34.	82.	2.3
90217	4.4	6.6	2.2	1.95	0.1	17.3	0.2	177.	34.	99.	1.0
90221	5.1	7.6	2.5	2.06	0.1	15.7	0.3	123.	35.	75.	1.6
90230	4.6	7.0	2.5	1.83	0.1	15.4	0.2	173.	31.	85.	3.5
90234	4.6	6.5	2.0	2.29	0.1	14.7	0.1	103.	36.	63.	1.5
90236	4.6	6.5	2.0	2.34	0.2	12.7	0.1	155.	31.	79.	0.2
90244	4.6	7.1	2.5	1.85	0.1	14.9	0.2	97.	36.	86.	2.3
MEAN	4.6	6.9	2.4	1.97	0.1	15.9	0.2	141.	35.	83.	2.0
S.D.	0.19	0.37	0.24	0.208	0.04	1.97	0.07	44.4	4.0	11.1	0.95
S.E.	0.06	0.12	0.08	0.066	0.01	0.62	0.02	14.0	1.3	3.5	0.30
N	10	10	10	10	10	10	10	10	10	10	10
mg/dL = MILLIGRAMS/DECILITER, U/L = INTERNATIONAL UNIT/LITER, g/dL = GRAMS/DECILITER											

PROJECT NO.:WIL-189205F
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TABLE A24 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

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WEEK 4

ANIMAL	GLUCOSE	CHOL- ESTEROL	CALCIUM	CHLORIDE	PHOS- PHORUS	POTAS- SIUM	SODIUM	TRIGLY- CERIDE
	mg/dL	mg/dL	mg/dL	mEq/L	mg/dL	mEq/L	mEq/L	mg/dL
GROUP: 3 MG/KG/DAY		FEMALES						
90193	103.	73.	10.9	101.	7.7	4.33	141.	29.
90199	105.	81.	11.0	102.	7.2	4.41	142.	32.
90206	103.	60.	10.8	101.	7.4	4.36	141.	60.
90210	122.	114.	11.2	101.	9.3	3.86	145.	70.
90217	108.	61.	10.3	103.	7.4	4.36	142.	53.
90221	96.	73.	11.4	100.	9.2	4.35	145.	61.
90230	112.	73.	10.6	104.	6.8	3.79	143.	50.
90234	113.	80.	11.2	101.	7.8	4.58	142.	55.
90236	118.	92.	10.6	103.	7.4	4.88	141.	58.
90244	97.	101.	11.3	102.	7.8	4.28	143.	71.
MEAN	108.	81.	10.9	102.	7.8	4.32	143.	54.
S.D.	8.6	17.1	0.36	1.2	0.82	0.314	1.5	14.0
S.E.	2.7	5.4	0.11	0.4	0.26	0.099	0.5	4.4
N	10	10	10	10	10	10	10	10

mg/dL = MILLIGRAMS/DECILITER, mEq/L = MILLIEQUIVALENTS/LITER

PROJECT NO.:WIL-189205F
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TABLE A24 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

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WEEK 4

ANIMAL	ALBUMIN	TOTAL PROTEIN	GLOBULIN	A/G RATIO	TOTAL BILI	UREA NITROGEN	CREAT- ININE	ALKALINE PHOS'TSE	ALANINE TRANSFER	ASPARTAT TRANSFER	GLUTAMYL TRANSFER
	g/dL	g/dL	g/dL		mg/dL	mg/dL	mg/dL	U/L	U/L	U/L	U/L
GROUP: 30	MG/KG/DAY	FEMALES									
90178	4.4	6.8	2.4	1.83	0.1	18.4	0.2	120.	24.	76.	1.0
90181	4.9	7.5	2.6	1.85	0.1	20.4	0.3	122.	62.	92.	1.4
90191	4.8	7.3	2.4	2.00	0.1	18.8	0.3	70.	36.	75.	3.3
90195	4.4	6.6	2.2	2.06	0.1	18.8	0.2	115.	27.	82.	1.8
90202	4.6	6.8	2.2	2.05	0.1	17.7	0.2	104.	33.	75.	1.8
90205	4.5	7.1	2.6	1.71	0.1	16.0	0.2	114.	31.	82.	1.0
90212	4.6	7.0	2.4	1.95	0.2	14.6	0.2	115.	36.	92.	1.0
90215	4.7	7.2	2.5	1.93	0.1	23.7	0.2	130.	57.	103.	0.4
90219	4.5	6.5	2.0	2.28	0.1	14.3	0.1	107.	26.	85.	1.4
90228	4.5	6.7	2.2	2.03	0.1	12.2	0.2	122.	46.	75.	1.6
MEAN	4.6	7.0	2.4	1.97	0.1	17.5	0.2	112.	38.	84.	1.5
S.D.	0.17	0.32	0.20	0.156	0.03	3.33	0.06	16.5	13.1	9.5	0.77
S.E.	0.05	0.10	0.06	0.049	0.01	1.05	0.02	5.2	4.1	3.0	0.24
N	10	10	10	10	10	10	10	10	10	10	10
mg/dL = MILLIGRAMS/DECILITER, U/L = INTERNATIONAL UNIT/LITER, g/dL = GRAMS/DECILITER											

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A24 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

PAGE 6
WEEK 4

ANIMAL	GLUCOSE	CHOL- ESTEROL	CALCIUM	CHLORIDE	PHOS- PHORUS	POTAS- SIUM	SODIUM	TRIGLY- CERIDE
	mg/dL	mg/dL	mg/dL	mEq/L	mg/dL	mEq/L	mEq/L	mg/dL
GROUP: 30 MG/KG/DAY		FEMALES						
90178	95.	94.	11.1	101.	8.1	5.52	144.	69.
90181	118.	71.	11.7	100.	8.3	4.16	143.	48.
90191	134.	77.	11.0	103.	8.7	4.95	143.	65.
90195	103.	77.	11.2	98.	8.9	4.31	139.	60.
90202	121.	66.	11.0	101.	7.7	3.85	142.	56.
90205	102.	68.	11.3	101.	10.4	4.32	142.	66.
90212	114.	48.	10.9	102.	8.3	4.36	144.	50.
90215	111.	57.	11.1	105.	7.1	3.95	143.	50.
90219	86.	68.	10.7	104.	7.5	4.35	143.	64.
90228	108.	62.	10.7	103.	7.1	4.13	144.	59.
MEAN	109.	69.	11.1	102.	8.2	4.39	143.	59.
S.D.	13.7	12.5	0.29	2.0	0.99	0.496	1.5	7.5
S.E.	4.3	3.9	0.09	0.6	0.31	0.157	0.5	2.4
N	10	10	10	10	10	10	10	10

mg/dL = MILLIGRAMS/DECILITER, mEq/L = MILLIEQUIVALENTS/LITER

PROJECT NO.:WIL-189205F		TABLE A24 (WEEK 4 EVALUATION - FEMALES)									PAGE	7
SPONSOR:E.I. DUPONT		A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY									WEEK	4
SPONSOR NO.:DUPONT-24447		INDIVIDUAL SERUM CHEMISTRY VALUES										
ANIMAL	ALBUMIN	TOTAL PROTEIN	GLOBULIN	A/G RATIO	TOTAL BILI	UREA NITROGEN	CREAT- ININE	ALKALINE PHOS'TSE	ALANINE TRANSFER	ASPARTAT TRANSFER	GLUTAMYL TRANSFER	
	g/dL	g/dL	g/dL		mg/dL	mg/dL	mg/dL	U/L	U/L	U/L	U/L	
GROUP: 300 MG/KG/DAY		FEMALES										
90176	4.8	6.6	1.9	2.55	0.1	16.7	0.2	213.	31.	112.	2.8	
90182	4.9	7.1	2.2	2.29	0.0	17.7	0.3	152.	27.	95.	0.1	
90183	4.7	6.9	2.2	2.16	0.1	25.4	0.3	104.	36.	84.	1.3	
90187	4.4	6.1	1.8	2.47	0.1	18.8	0.2	106.	54.	120.	1.8	
90190	5.0	7.0	2.1	2.43	0.1	16.1	0.2	87.	37.	87.	2.1	
90213	4.4	6.3	1.9	2.33	0.1	19.0	0.3	151.	28.	108.	1.1	
90220	4.8	7.2	2.4	2.01	0.1	19.6	0.2	111.	37.	78.	1.1	
90227	4.8	6.9	2.1	2.27	0.1	19.7	0.1	124.	30.	74.	2.6	
90231	5.0	7.1	2.1	2.42	0.1	18.8	0.1	106.	27.	74.	2.0	
90242	4.6	6.7	2.0	2.31	0.1	14.9	0.2	121.	37.	73.	2.1	
MEAN	4.7	6.8	2.1	2.32	0.1	18.7	0.2	128.	34.	91.	1.7	
S.D.	0.22	0.36	0.18	0.157	0.03	2.85	0.07	36.4	8.1	17.4	0.81	
S.E.	0.07	0.11	0.06	0.050	0.01	0.90	0.02	11.5	2.6	5.5	0.26	
N	10	10	10	10	10	10	10	10	10	10	10	
mg/dL = MILLIGRAMS/DECILITER, U/L = INTERNATIONAL UNIT/LITER, g/dL = GRAMS/DECILITER												

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
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TABLE A24 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

PAGE 8
WEEK 4

ANIMAL	GLUCOSE	CHOL- ESTEROL	CALCIUM	CHLORIDE	PHOS- PHORUS	POTAS- SIUM	SODIUM	TRIGLY- CERIDE
	mg/dL	mg/dL	mg/dL	mEq/L	mg/dL	mEq/L	mEq/L	mg/dL
GROUP: 300 MG/KG/DAY		FEMALES						
90176	105.	61.	10.7	101.	9.1	4.50	145.	43.
90182	124.	88.	10.9	101.	7.5	4.42	144.	92.
90183	105.	82.	10.9	100.	7.4	4.21	142.	77.
90187	116.	67.	9.8	103.	8.9	4.41	142.	56.
90190	111.	71.	10.6	101.	7.9	4.90	142.	52.
90213	148.	70.	10.2	103.	10.2	4.88	143.	49.
90220	114.	75.	11.0	104.	8.5	5.01	144.	52.
90227	106.	85.	10.6	102.	7.8	4.53	141.	55.
90231	115.	82.	11.2	103.	7.6	4.01	145.	85.
90242	111.	95.	11.3	101.	9.6	3.46	145.	67.
MEAN	116.	78.	10.7	102.	8.5	4.43	143.	63.
S.D.	12.8	10.5	0.45	1.3	0.97	0.464	1.5	16.6
S.E.	4.1	3.3	0.14	0.4	0.31	0.147	0.5	5.3
N	10	10	10	10	10	10	10	10

mg/dL = MILLIGRAMS/DECILITER, mEq/L = MILLIEQUIVALENTS/LITER

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PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A25 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

PAGE 1
WEEK 8

ANIMAL	ALBUMIN	TOTAL PROTEIN	GLOBULIN	A/G RATIO	TOTAL BILI	UREA NITROGEN	CREAT- ININE	ALKALINE PHOS'TSE	ALANINE TRANSFER	ASPARTAT TRANSFER	GLUTAMYL TRANSFER
	g/dL	g/dL	g/dL		mg/dL	mg/dL	mg/dL	U/L	U/L	U/L	U/L
GROUP: 0 MG/KG/DAY	MALES										
90105	4.2	6.8	2.5	1.68	0.2	15.1	0.2	115.	44.	107.	0.1
90116	4.5	7.0	2.5	1.77	0.2	14.6	0.2	116.	30.	82.	1.3
90117	4.1	6.5	2.5	1.66	0.1	16.2	0.2	122.	33.	86.	0.2
90120	4.2	6.5	2.4	1.76	0.1	13.5	0.2	114.	45.	107.	0.7
90129	4.1	6.6	2.5	1.63	0.1	13.9	0.2	93.	36.	85.	0.1
90140	4.4	6.4	2.0	2.22	0.1	14.0	0.3	146.	30.	78.	1.2
90153	4.4	6.8	2.4	1.85	0.1	11.6	0.2	151.	33.	95.	1.4
90156	4.5	6.9	2.5	1.80	0.1	14.5	0.3	123.	29.	79.	0.6
90158	4.0	6.3	2.3	1.72	0.1	16.1	0.2	118.	32.	82.	0.5
90164	4.4	6.6	2.2	2.00	0.1	14.2	0.2	120.	43.	102.	0.4
MEAN	4.3	6.6	2.4	1.81	0.1	14.4	0.2	122.	36.	90.	0.7
S.D.	0.18	0.23	0.17	0.179	0.04	1.32	0.04	16.4	6.2	11.5	0.49
S.E.	0.06	0.07	0.05	0.057	0.01	0.42	0.01	5.2	2.0	3.6	0.16
N	10	10	10	10	10	10	10	10	10	10	10
mg/dL = MILLIGRAMS/DECILITER, U/L = INTERNATIONAL UNIT/LITER, g/dL = GRAMS/DECILITER											

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A25 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

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WEEK 8

ANIMAL	GLUCOSE	CHOL- ESTEROL	CALCIUM	CHLORIDE	PHOS- PHORUS	POTAS- SIUM	SODIUM	TRIGLY- CERIDE
	mg/dL	mg/dL	mg/dL	mEq/L	mg/dL	mEq/L	mEq/L	mg/dL
GROUP: 0 MG/KG/DAY	MALES							
90105	114.	64.	10.4	102.	6.8	4.69	144.	40.
90116	114.	43.	11.2	100.	8.3	4.58	145.	33.
90117	107.	49.	10.2	105.	7.2	4.88	147.	54.
90120	119.	42.	10.1	103.	6.4	4.70	145.	28.
90129	115.	46.	10.4	103.	7.3	4.77	146.	49.
90140	113.	45.	10.4	104.	7.2	4.53	147.	43.
90153	104.	47.	10.8	103.	8.3	4.55	148.	91.
90156	129.	33.	10.4	102.	7.6	4.42	147.	37.
90158	110.	57.	10.3	106.	8.3	5.37	148.	54.
90164	110.	26.	10.8	105.	8.4	4.91	146.	66.
MEAN	114.	45.	10.5	103.	7.6	4.74	146.	50.
S.D.	6.9	10.8	0.33	1.8	0.71	0.271	1.3	18.4
S.E.	2.2	3.4	0.11	0.6	0.23	0.086	0.4	5.8
N	10	10	10	10	10	10	10	10

mg/dL = MILLIGRAMS/DECILITER, mEq/L = MILLIEQUIVALENTS/LITER

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A25 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

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WEEK 8

ANIMAL	ALBUMIN	TOTAL PROTEIN	GLOBULIN	A/G RATIO	TOTAL BILI	UREA NITROGEN	CREAT- ININE	ALKALINE PHOS'TSE	ALANINE TRANSFER	ASPARTAT TRANSFER	GLUTAMYL TRANSFER
	g/dL	g/dL	g/dL		mg/dL	mg/dL	mg/dL	U/L	U/L	U/L	U/L
GROUP: 30	MG/KG/DAY	MALES									
90109	4.3	7.1	2.8	1.55	0.1	14.3	0.2	116.	39.	87.	1.2
90111	4.1	6.3	2.2	1.81	0.1	16.0	0.2	130.	46.	110.	1.4
90112	4.2	6.6	2.4	1.71	0.1	16.2	0.2	130.	44.	87.	0.1
90114	4.2	6.9	2.7	1.56	0.1	13.6	0.2	185.	44.	87.	0.4
90115	4.2	6.9	2.6	1.61	0.1	12.9	0.2	102.	34.	84.	0.2
90133	4.2	6.3	2.1	2.03	0.1	12.3	0.1	153.	41.	77.	1.1
90149	4.2	6.4	2.2	1.86	0.1	16.4	0.1	129.	42.	84.	0.4
90160	4.0	6.2	2.2	1.77	0.1	10.6	0.1	165.	35.	89.	0.4
90168	4.2	6.8	2.5	1.67	0.1	13.3	0.2	113.	45.	88.	0.4
90172	4.1	6.5	2.4	1.72	0.1	14.8	0.2	105.	30.	84.	0.5
MEAN	4.2	6.6	2.4	1.73	0.1	14.0	0.2	133.	40.	88.	0.6
S.D.	0.08	0.31	0.24	0.147	0.00	1.87	0.05	27.1	5.4	8.5	0.45
S.E.	0.03	0.10	0.08	0.047	0.00	0.59	0.02	8.6	1.7	2.7	0.14
N	10	10	10	10	10	10	10	10	10	10	10
mg/dL = MILLIGRAMS/DECILITER, U/L = INTERNATIONAL UNIT/LITER, g/dL = GRAMS/DECILITER											

PROJECT NO.:WIL-189205M
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TABLE A25 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

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WEEK 8

ANIMAL	GLUCOSE	CHOL- ESTEROL	CALCIUM	CHLORIDE	PHOS- PHORUS	POTAS- SIUM	SODIUM	TRIGLY- CERIDE
	mg/dL	mg/dL	mg/dL	mEq/L	mg/dL	mEq/L	mEq/L	mg/dL
GROUP: 30 MG/KG/DAY		MALES						
90109	133.	70.	10.6	100.	8.2	5.28	145.	34.
90111	92.	53.	10.5	103.	8.9	5.86	145.	29.
90112	91.	61.	10.4	104.	6.7	4.83	145.	23.
90114	115.	67.	10.0	105.	7.3	4.50	146.	29.
90115	91.	58.	10.4	105.	7.1	5.07	146.	22.
90133	112.	58.	10.1	105.	6.5	5.15	146.	26.
90149	105.	65.	10.5	104.	8.1	5.57	144.	62.
90160	99.	44.	10.1	104.	7.8	4.76	147.	29.
90168	122.	59.	10.7	103.	8.1	4.76	146.	55.
90172	111.	72.	10.3	106.	8.0	5.42	147.	56.
MEAN	107.	61.	10.4	104.	7.7	5.12	146.	37.
S.D.	14.2	8.4	0.23	1.7	0.75	0.421	0.9	15.1
S.E.	4.5	2.6	0.07	0.5	0.24	0.133	0.3	4.8
N	10	10	10	10	10	10	10	10

mg/dL = MILLIGRAMS/DECILITER, mEq/L = MILLIEQUIVALENTS/LITER

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SPONSOR:E.I. DUPONT
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TABLE A26 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

PAGE 1
WEEK 8

ANIMAL	ALBUMIN	TOTAL PROTEIN	GLOBULIN	A/G RATIO	TOTAL BILI	UREA NITROGEN	CREAT- ININE	ALKALINE PHOS'TSE	ALANINE TRANSFER	ASPARTAT TRANSFER	GLUTAMYL TRANSFER
	g/dL	g/dL	g/dL		mg/dL	mg/dL	mg/dL	U/L	U/L	U/L	U/L
GROUP: 0 MG/KG/DAY		FEMALES									
90179	4.3	6.6	2.2	1.94	0.2	17.0	0.2	76.	24.	65.	0.9
90185	4.8	7.6	2.8	1.73	0.1	22.5	0.3	73.	51.	95.	2.1
90194	5.1	7.8	2.7	1.89	0.2	16.4	0.4	61.	48.	109.	2.3
90196	5.1	7.4	2.3	2.28	0.1	15.6	0.3	54.	32.	62.	1.7
90197	4.9	7.7	2.8	1.77	0.2	17.3	0.3	59.	28.	61.	2.2
90198	4.8	7.4	2.5	1.90	0.1	18.9	0.3	53.	36.	77.	1.0
90203	5.0	7.6	2.6	1.95	0.2	19.4	0.3	48.	30.	72.	2.1
90222	5.2	7.5	2.2	2.33	0.2	19.4	0.3	42.	22.	61.	2.0
90229	4.4	6.8	2.4	1.85	0.2	16.2	0.3	121.	27.	66.	2.8
90233	4.8	7.2	2.5	1.92	0.2	14.8	0.3	100.	32.	86.	1.4
MEAN	4.8	7.4	2.5	1.96	0.2	17.8	0.3	69.	33.	75.	1.9
S.D.	0.30	0.39	0.23	0.197	0.05	2.30	0.05	24.8	9.6	16.4	0.60
S.E.	0.09	0.12	0.07	0.062	0.02	0.73	0.01	7.8	3.0	5.2	0.19
N	10	10	10	10	10	10	10	10	10	10	10
mg/dL = MILLIGRAMS/DECILITER, U/L = INTERNATIONAL UNIT/LITER, g/dL = GRAMS/DECILITER											

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
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TABLE A26 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

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WEEK 8

ANIMAL	GLUCOSE	CHOL- ESTEROL	CALCIUM	CHLORIDE	PHOS- PHORUS	POTAS- SIUM	SODIUM	TRIGLY- CERIDE
	mg/dL	mg/dL	mg/dL	mEq/L	mg/dL	mEq/L	mEq/L	mg/dL
GROUP: 0 MG/KG/DAY		FEMALES						
90179	100.	66.	11.3	101.	8.2	4.19	144.	38.
90185	107.	92.	10.9	103.	6.6	4.18	146.	43.
90194	194.	87.	11.1	103.	7.6	4.83	146.	55.
90196	129.	76.	11.0	103.	6.0	4.35	144.	66.
90197	136.	100.	11.1	104.	6.2	3.85	145.	41.
90198	109.	109.	11.2	102.	6.7	4.11	143.	57.
90203	117.	97.	10.9	105.	5.7	3.87	146.	54.
90222	114.	98.	11.3	104.	7.6	4.41	146.	74.
90229	120.	80.	11.0	102.	7.4	4.14	144.	50.
90233	123.	69.	10.5	104.	6.9	4.46	144.	52.
MEAN	125.	87.	11.0	103.	6.9	4.24	145.	53.
S.D.	26.5	14.3	0.24	1.2	0.80	0.290	1.1	11.1
S.E.	8.4	4.5	0.07	0.4	0.25	0.092	0.4	3.5
N	10	10	10	10	10	10	10	10

mg/dL = MILLIGRAMS/DECILITER, mEq/L = MILLIEQUIVALENTS/LITER

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TABLE A26 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

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WEEK 8

ANIMAL	ALBUMIN	TOTAL PROTEIN	GLOBULIN	A/G RATIO	TOTAL BILI	UREA NITROGEN	CREAT- ININE	ALKALINE PHOS'TSE	ALANINE TRANSFER	ASPARTAT TRANSFER	GLUTAMYL TRANSFER
	g/dL	g/dL	g/dL		mg/dL	mg/dL	mg/dL	U/L	U/L	U/L	U/L
GROUP: 300 MG/KG/DAY		FEMALES									
90186	4.7	7.1	2.4	1.96	0.1	26.4	0.4	55.	41.	75.	0.8
90188	4.2	6.9	2.7	1.54	0.1	20.0	0.3	68.	36.	72.	2.3
90200	4.9	7.3	2.4	2.00	0.1	17.3	0.3	60.	32.	78.	1.6
90201	4.7	7.5	2.8	1.71	0.1	16.1	0.3	82.	32.	80.	3.3
90207	4.6	6.8	2.2	2.07	0.1	17.1	0.2	63.	43.	81.	1.4
90216	4.7	7.2	2.6	1.83	0.1	17.7	0.2	49.	43.	79.	1.4
90223	5.0	7.7	2.7	1.84	0.2	15.7	0.2	83.	48.	85.	1.7
90226	4.5	6.9	2.4	1.89	0.1	17.1	0.2	86.	37.	66.	1.7
90237	4.7	6.9	2.2	2.09	0.1	11.8	0.2	59.	40.	70.	1.7
90240	4.0	6.2	2.2	1.81	0.1	15.5	0.2	72.	45.	80.	1.0
MEAN	4.6	7.1	2.5	1.87	0.1	17.5	0.3	68.	40.	77.	1.7
S.D.	0.30	0.42	0.23	0.168	0.03	3.76	0.07	12.7	5.4	5.8	0.70
S.E.	0.10	0.13	0.07	0.053	0.01	1.19	0.02	4.0	1.7	1.8	0.22
N	10	10	10	10	10	10	10	10	10	10	10
mg/dL = MILLIGRAMS/DECILITER, U/L = INTERNATIONAL UNIT/LITER, g/dL = GRAMS/DECILITER											

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TABLE A26 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SERUM CHEMISTRY VALUES

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WEEK 8

ANIMAL	GLUCOSE	CHOL- ESTEROL	CALCIUM	CHLORIDE	PHOS- PHORUS	POTAS- SIUM	SODIUM	TRIGLY- CERIDE
	mg/dL	mg/dL	mg/dL	mEq/L	mg/dL	mEq/L	mEq/L	mg/dL
GROUP: 300 MG/KG/DAY		FEMALES						
90186	126.	76.	10.8	104.	6.8	4.93	144.	70.
90188	98.	124.	10.4	103.	6.7	4.22	143.	44.
90200	118.	97.	10.9	104.	6.2	3.90	146.	89.
90201	118.	91.	11.1	104.	6.9	5.31	147.	35.
90207	100.	63.	10.9	102.	7.0	4.35	144.	38.
90216	109.	85.	10.9	104.	7.6	4.30	145.	35.
90223	113.	107.	11.7	102.	7.2	4.24	144.	60.
90226	104.	95.	10.9	102.	7.4	4.08	144.	47.
90237	127.	117.	11.0	105.	6.3	4.19	145.	68.
90240	101.	77.	10.5	106.	7.7	4.49	144.	38.
MEAN	111.	93.	10.9	104.	7.0	4.40	145.	52.
S.D.	10.7	19.0	0.35	1.3	0.51	0.420	1.2	18.5
S.E.	3.4	6.0	0.11	0.4	0.16	0.133	0.4	5.8
N	10	10	10	10	10	10	10	10

mg/dL = MILLIGRAMS/DECILITER, mEq/L = MILLIEQUIVALENTS/LITER

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TABLE A27 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

ANIMAL	SORBITOL 'GENASE	
	U/L	
GROUP:	0 MG/KG/DAY	MALES
90108	12.	
90123	13.	
90125	20.	
90139	17.	
90145	12.	
90152	15.	
90159	15.	
90163	18.	
90166	8.	
90173	11.	
MEAN	14.	
S.D.	3.6	
S.E.	1.1	
N	10	
U/L = INTERNATIONAL UNIT/LITER		

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PROJECT NO.:WIL-189205M
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TABLE A27 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

ANIMAL	SORBITOL 'GENASE
U/L	
GROUP: 0.3 MG/KG/DAY MALES	
90118	11.
90124	8.
90127	8.
90134	9.
90138	12.
90144	9.
90148	15.
90151	10.
90157	5.
90167	7.
MEAN	9.
S.D.	2.8
S.E.	0.9
N	10
U/L = INTERNATIONAL UNIT/LITER	

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PROJECT NO.:WIL-189205M
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TABLE A27 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

ANIMAL	SORBITOL 'GENASE	
	U/L	
GROUP:	3 MG/KG/DAY	MALES
90110	17.	
90121	12.	
90126	10.	
90128	12.	
90141	19.	
90146	10.	
90161	11.	
90165	17.	
90170	11.	
90174	13.	
MEAN	13.	
S.D.	3.3	
S.E.	1.0	
N	10	
U/L = INTERNATIONAL UNIT/LITER		

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TABLE A27 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

ANIMAL		SORBITOL 'GENASE
		U/L
GROUP:	30 MG/KG/DAY	MALES
90119		10.
90130		11.
90131		9.
90132		8.
90135		9.
90136		15.
90142		10.
90143		14.
90162		10.
90171		10.
MEAN		11.
S.D.		2.2
S.E.		0.7
N		10

U/L = INTERNATIONAL UNIT/LITER

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A28 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

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WEEK 4

ANIMAL		SORBITOL 'GENASE
		U/L
GROUP:	0 MG/KG/DAY	FEMALES
90175		7.
90177		6.
90192		9.
90204		16.
90209		13.
90214		27.
90224		17.
90225		11.
90232		12.
90235		12.
MEAN		13.
S.D.		6.0
S.E.		1.9
N		10
U/L = INTERNATIONAL UNIT/LITER		

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PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
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TABLE A28 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

ANIMAL	SORBITOL 'GENASE	
	U/L	
GROUP:	3 MG/KG/DAY	FEMALES
90193	12.	
90199	13.	
90206	10.	
90210	16.	
90217	16.	
90221	18.	
90230	10.	
90234	7.	
90236	12.	
90244	6.	
MEAN	12.	
S.D.	3.9	
S.E.	1.2	
N	10	
U/L = INTERNATIONAL UNIT/LITER		

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TABLE A28 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

ANIMAL	SORBITOL 'GENASE
	U/L
GROUP: 30 MG/KG/DAY	FEMALES
90178	16.
90181	19.
90191	18.
90195	16.
90202	12.
90205	24.
90212	16.
90215	10.
90219	9.
90228	14.
MEAN	15.
S.D.	4.5
S.E.	1.4
N	10
U/L = INTERNATIONAL UNIT/LITER	

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TABLE A28 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

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ANIMAL	SORBITOL 'GENASE
U/L	
GROUP: 300 MG/KG/DAY FEMALES	
90176	24.
90182	27.
90183	13.
90187	23.
90190	19.
90213	22.
90220	15.
90227	10.
90231	10.
90242	11.
MEAN	17.
S.D.	6.4
S.E.	2.0
N	10
U/L = INTERNATIONAL UNIT/LITER	

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TABLE A29 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

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ANIMAL	SORBITOL 'GENASE	
	U/L	
GROUP:	0 MG/KG/DAY	MALES
90105	13.	
90116	16.	
90117	13.	
90120	16.	
90129	14.	
90140	19.	
90153	9.	
90156	17.	
90158	17.	
90164	16.	
MEAN	15.	
S.D.	2.8	
S.E.	0.9	
N	10	
U/L = INTERNATIONAL UNIT/LITER		

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TABLE A29 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

ANIMAL		SORBITOL 'GENASE
		U/L
GROUP:	30 MG/KG/DAY	MALES
90109		14.
90111		4.
90112		9.
90114		13.
90115		14.
90133		10.
90149		8.
90160		7.
90168		14.
90172		7.
MEAN		10.
S.D.		3.6
S.E.		1.1
N		10
U/L = INTERNATIONAL UNIT/LITER		

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TABLE A30 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

PROJECT NO.:WIL-189205F
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SPONSOR NO.:DUPONT-24447

ANIMAL	SORBITOL 'GENASE	
	U/L	
GROUP:	0 MG/KG/DAY	FEMALES
90179	11.	
90185	22.	
90194	24.	
90196	17.	
90197	11.	
90198	8.	
90203	15.	
90222	16.	
90229	10.	
90233	19.	
MEAN	15.	
S.D.	5.3	
S.E.	1.7	
N	10	
U/L = INTERNATIONAL UNIT/LITER		

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PROJECT NO.:WIL-189205F
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SPONSOR NO.:DUPONT-24447

TABLE A30 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL SPECIAL CHEMISTRY VALUES

ANIMAL	SORBITOL 'GENASE
	U/L
GROUP: 300 MG/KG/DAY FEMALES	
90186	21.
90188	11.
90200	18.
90201	23.
90207	16.
90216	10.
90223	16.
90226	12.
90237	11.
90240	10.
MEAN	15.
S.D.	4.7
S.E.	1.5
N	10

U/L = INTERNATIONAL UNIT/LITER

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PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A31 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

PAGE 1
WEEK 4

GROUP: 0 MG/KG/DAY		MALES													
ANIMAL	M A C COL	R O CLA	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL		
90108	YEL	CLR	1.028	7.0	TR	NG	TR	NG	TR	NG	P+	0.2	12.0		
90123	YEL	CLR	1.026	7.0	1+	NG	TR	NG	NG	NG	P+	0.2	15.0		
90125	YEL	CLR	1.028	6.5	1+	NG	TR	NG	3+	NG	NG	0.2	16.0		
90139	YEL	CLR	1.031	6.5	TR	NG	NG	NG	NG	NG	NG	0.2	5.0		
90145	YEL	CLR	1.030	7.0	1+	NG	TR	NG	NG	TR	NG	0.2	9.0		
90152	YEL	CLR	1.035	6.5	1+	NG	TR	NG	1+	NG	NG	0.2	9.0		
90159	YEL	CLR	1.031	6.5	TR	NG	TR	NG	TR	NG	NG	0.2	11.0		
90163	YEL	CLR	1.036	6.5	1+	NG	TR	NG	NG	TR	NG	0.2	9.0		
90166	YEL	CLR	1.039	6.0	TR	NG	TR	NG	NG	NG	NG	0.2	9.0		
90173	YEL	CLR	1.030	7.0	1+	NG	TR	NG	NG	NG	NG	0.2	5.0		
MEAN			1.031	6.7								0.2	10.0		
S.D.			0.0041	0.34								0.00	3.65		
S.E.			0.0013	0.11								0.00	1.15		
N			10	10								10	10		

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, NG=NEGATIVE, 1+=TRACE TO SLIGHT, 3+=MODERATE TO ABUNDANT, TR=TRACE, P+=POSITIVE,
LEU=LEUKOCYTES, TVOL=TOTAL VOLUME (mL), COL=COLOR, CLA=CLARITY, YEL=YELLOW

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A31 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

GROUP: 0.3 MG/KG/DAY														
			MALES											
ANIMAL	M A C	R O	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL	
	COL	CLA												
90118	YEL	CLR	1.035	6.0	TR	NG	NG	NG	NG	NG	NG	0.2	5.0	
90124	YEL	CLR	1.039	6.5	1+	NG	TR	NG	TR	NG	NG	0.2	5.0	
90127	YEL	CLR	1.026	6.0	1+	NG	TR	NG	NG	NG	NG	0.2	12.0	
90134	YEL	CLR	1.031	6.5	1+	NG	NG	NG	TR	NG	NG	0.2	11.0	
90138	YEL	CLR	1.037	6.0	1+	NG	NG	NG	NG	NG	NG	0.2	6.0	
90144	YEL	CLR	1.036	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	5.0	
90148	YEL	CLR	1.033	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	10.0	
90151	YEL	CLR	1.021	6.5	TR	NG	NG	NG	TR	NG	NG	0.2	18.0	
90157	YEL	CLR	1.028	6.5	1+	NG	TR	NG	TR	TR	NG	0.2	4.0	
90167	YEL	CLR	1.022	7.0	TR	NG	NG	NG	TR	NG	NG	0.2	15.0	
MEAN			1.031	6.4								0.2	9.1	
S.D.			0.0063	0.32								0.00	4.86	
S.E.			0.0020	0.10								0.00	1.54	
N			10	10								10	10	

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, NG=NEGATIVE, 1+=TRACE TO SLIGHT, TR=TRACE, LEU=LEUKOCYTES, TVOL=TOTAL VOLUME (mL),
COL=COLOR, CLA=CLARITY, YEL=YELLOW

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A31 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

PAGE 3
WEEK 4

GROUP: 3 MG/KG/DAY		MALES													
ANIMAL	M A C	R O	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL		
	COL	CLA													
90110	YEL	CLR	1.031	6.5	TR	NG	NG	NG	NG	NG	NG	0.2	10.0		
90121	YEL	CLR	1.022	6.5	TR	NG	TR	NG	NG	NG	NG	0.2	18.0		
90126	YEL	CLR	1.031	6.5	TR	NG	NG	NG	NG	NG	NG	0.2	10.0		
90128	YEL	CLR	1.037	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	9.0		
90141	YEL	CLR	1.039	6.0	1+	NG	NG	NG	NG	NG	NG	0.2	5.0		
90146	YEL	CLR	1.038	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	5.0		
90161	YEL	CLR	1.040	6.0	1+	NG	NG	1+	NG	NG	NG	0.2	5.0		
90165	YEL	CLR	1.040	6.0	1+	NG	TR	NG	NG	NG	NG	0.2	10.0		
90170	YEL	CLR	1.036	6.0	1+	NG	NG	NG	TR	NG	NG	0.2	9.0		
90174	YEL	CLR	1.028	6.5	TR	NG	TR	NG	TR	NG	NG	0.2	13.0		
MEAN			1.034	6.3								0.2	9.4		
S.D.			0.0060	0.26								0.00	4.03		
S.E.			0.0019	0.08								0.00	1.28		
N			10	10								10	10		

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, NG=NEGATIVE, 1+=TRACE TO SLIGHT, TR=TRACE, LEU=LEUKOCYTES, TVOL=TOTAL VOLUME (mL),
COL=COLOR, CLA=CLARITY, YEL=YELLOW

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A31 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

PAGE 4
WEEK 4

GROUP: 30 MG/KG/DAY MALES																
ANIMAL	M A C COL	R O CLA	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL			
90119	YEL	CLR	1.028	7.0	TR	NG	TR	NG	3+	NG	P+	0.2	15.0			
90130	YEL	CLR	1.034	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	5.0			
90131	YEL	CLR	1.035	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	6.0			
90132	YEL	CLR	1.031	6.5	1+	NG	NG	1+	NG	NG	NG	0.2	11.0			
90135	YEL	CLR	1.031	6.0	1+	NG	NG	NG	NG	NG	NG	0.2	9.0			
90136	YEL	CLR	1.036	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	9.0			
90142	YEL	CLR	1.026	6.5	TR	NG	TR	NG	TR	NG	NG	0.2	15.0			
90143	YEL	CLR	1.026	6.5	TR	NG	TR	NG	1+	NG	NG	0.2	11.0			
90162	YEL	CLR	1.025	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	15.0			
90171	YEL	CLR	1.030	6.5	TR	NG	NG	NG	NG	NG	NG	0.2	10.0			
MEAN			1.030	6.5								0.2	10.6			
S.D.			0.0039	0.24								0.00	3.60			
S.E.			0.0012	0.07								0.00	1.14			
N			10	10								10	10			

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, NG=NEGATIVE, 1+=TRACE TO SLIGHT, 3+=MODERATE TO ABUNDANT, TR=TRACE, P+=POSITIVE,
LEU=LEUKOCYTES, TVOL=TOTAL VOLUME (mL), COL=COLOR, CLA=CLARITY, YEL=YELLOW

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PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A32 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

PAGE 1
WEEK 4

GROUP: 0 MG/KG/DAY		FEMALES												
ANIMAL	M A C R O COL CLA	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL		
90175	YEL	SLC	1.052	6.0	TR	NG	NG	1+	TR	NG	NG	0.2	4.0	
90177	YEL	SLC	1.033	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	9.0	
90192	YEL	CLR	1.048	6.0	1+	NG	NG	NG	NG	NG	NG	0.2	3.0	
90204	YEL	CLR	1.035	6.5	TR	NG	NG	NG	NG	NG	NG	0.2	5.0	
90209	YEL	CLR	1.034	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	6.0	
90214	YEL	SLC	1.038	6.5	TR	NG	NG	NG	1+	NG	NG	0.2	3.0	
90224	YEL	CLR	1.044	6.0	TR	NG	NG	NG	NG	NG	NG	0.2	3.0	
90225	YEL	CLR	1.042	6.0	TR	NG	NG	NG	NG	NG	NG	0.2	4.0	
90232	YEL	CLR	1.029	6.5	NG	NG	NG	NG	TR	NG	NG	0.2	2.0	
90235	YEL	SLC	1.046	6.5	1+	NG	NG	NG	NG	NG	NG	0.2	3.0	
MEAN			1.040	6.2							0.2	4.2		
S.D.			0.0074	0.26							0.00	2.04		
S.E.			0.0024	0.08							0.00	0.65		
N			10	10							10	10		

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, NG=NEGATIVE, 1+=TRACE TO SLIGHT, TR=TRACE, LEU=LEUKOCYTES, TVOL=TOTAL VOLUME (mL),
COL=COLOR, CLA=CLARITY, SLC=SLIGHTLY CLOUDY, YEL=YELLOW

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A32 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

GROUP: 3 MG/KG/DAY		FEMALES													
ANIMAL	M A C R O COL CLA	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL			
90193	YEL	CLR	1.056	6.0	1+	NG	NG	1+	NG	NG	NG	0.2	3.0		
90199	YEL	SLC	1.041	6.0	TR	NG	NG	NG	TR	NG	NG	0.2	6.0		
90206	YEL	CLR	1.038	6.0	TR	NG	NG	NG	NG	NG	NG	0.2	5.0		
90210	YEL	CLD	1.038	6.5	TR	NG	NG	NG	NG	NG	NG	0.2	5.0		
90217	YEL	CLR	1.038	6.0	TR	NG	NG	NG	TR	NG	NG	0.2	4.0		
90221	YEL	CLR	1.032	6.5	TR	NG	NG	NG	1+	NG	NG	0.2	4.0		
90230	YEL	CLR	1.034	6.0	TR	NG	NG	NG	NG	NG	NG	0.2	5.0		
90234	YEL	CLD	1.020	7.0	NG	NG	NG	NG	1+	NG	NG	0.2	16.0		
90236	YEL	SLC	1.033	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	10.0		
90244	YEL	CLR	1.026	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	9.0		
MEAN			1.036	6.2							0.2	6.7			
S.D.			0.0095	0.35							0.00	3.95			
S.E.			0.0030	0.11							0.00	1.25			
N			10	10							10	10			

----- MACRO CODE -----
 SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
 URO=UROBILINOGEN (mg/dL), CLR=CLEAR, CLD=CLOUDY, NG=NEGATIVE, 1+=TRACE TO SLIGHT, TR=TRACE, LEU=LEUKOCYTES,
 TVOL=TOTAL VOLUME (mL), COL=COLOR, CLA=CLARITY, SLC=SLIGHTLY CLOUDY, YEL=YELLOW

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A32 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

PAGE 3
WEEK 4

GROUP: 30 MG/KG/DAY		FEMALES																
ANIMAL	M A C R O COL CLA	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL						
90178	YEL	CLR	1.042	6.0	NG	NG	NG	NG	NG	NG	0.2	6.0						
90181	YEL	CLR	1.035	6.0	NG	NG	NG	NG	NG	NG	0.2	6.0						
90191	YEL	SLC	1.051	6.0	1+	NG	NG	NG	NG	NG	0.2	3.0						
90195	YEL	SLC	1.036	6.5	TR	NG	NG	NG	NG	NG	0.2	8.0						
90202	YEL	SLC	1.034	6.0	NG	NG	NG	NG	NG	NG	0.2	6.0						
90205	YEL	CLR	1.053	6.0	TR	NG	NG	NG	NG	NG	0.2	3.0						
90212	YEL	SLC	1.055	6.0	1+	NG	NG	1+	NG	NG	0.2	4.0						
90215	YEL	SLC	1.052	6.0	1+	NG	NG	NG	NG	NG	0.2	4.0						
90219	YEL	CLR	1.058	6.0	1+	NG	NG	1+	NG	NG	0.2	2.0						
90228	YEL	SLC	1.021	6.5	NG	NG	NG	NG	TR	NG	0.2	14.0						
MEAN													1.044	6.1			0.2	5.6
S.D.													0.0120	0.21			0.00	3.47
S.E.													0.0038	0.07			0.00	1.10
N													10	10			10	10

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, NG=NEGATIVE, 1+=TRACE TO SLIGHT, TR=TRACE, LEU=LEUKOCYTES, TVOL=TOTAL VOLUME (mL),
COL=COLOR, CLA=CLARITY, SLC=SLIGHTLY CLOUDY, YEL=YELLOW

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A32 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

PAGE 4
WEEK 4

GROUP: 300 MG/KG/DAY		FEMALES													
ANIMAL	M A C R O COL CLA	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL			
90176	YEL CLR	1.038	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	5.0			
90182	YEL CLR	1.035	6.5	NG	NG	NG	NG	TR	NG	NG	0.2	4.0			
90183	YEL SLC	1.055	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	2.0			
90187	YEL SLC	1.021	6.5	NG	NG	NG	NG	TR	NG	NG	0.2	9.0			
90190	YEL CLR	1.051	6.0	1+	NG	NG	NG	NG	NG	NG	0.2	3.0			
90213	YEL SLC	1.038	6.5	NG	NG	NG	NG	NG	NG	NG	0.2	6.0			
90220	YEL SLC	1.045	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	4.0			
90227	YEL CLD	1.030	6.5	NG	NG	NG	NG	NG	NG	NG	0.2	8.0			
90231	YEL SLC	1.029	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	11.0			
90242	YEL SLC	1.040	6.5	TR	NG	NG	NG	NG	NG	NG	0.2	5.0			
MEAN		1.038	6.3								0.2	5.7			
S.D.		0.0103	0.26								0.00	2.83			
S.E.		0.0033	0.08								0.00	0.90			
N		10	10								10	10			

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, CLD=CLOUDY, NG=NEGATIVE, 1+=TRACE TO SLIGHT, TR=TRACE, LEU=LEUKOCYTES,
TVOL=TOTAL VOLUME (mL), COL=COLOR, CLA=CLARITY, SLC=SLIGHTLY CLOUDY, YEL=YELLOW

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PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A33 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

PAGE 1
WEEK 4

GROUP: 0 MG/KG/DAY MALES										
ANIMAL	WBC	M I C R O RBC	EPI	BAC	AMC	HA	TPH	COX	UAC	OTHER
90108	NG	NG	R	AB	NG	NG	AB	NG	NG	F -SPERM
90123	NG	NG	R	AB	NG	NG	AB	NG	NG	F -SPERM
90125	NG	NG	NG	M	NG	NG	M	NG	NG	F -SPERM
90139	0- 1	NG	R	F	NG	NG	R	NG	NG	F -SPERM
90145	NG	NG	NG	AB	NG	NG	M	NG	NG	F -SPERM
90152	NG	NG	R	F	R	NG	R	NG	NG	F -SPERM
90159	NG	NG	NG	M	R	NG	F	NG	NG	F -SPERM
90163	NG	NG	R	F	NG	NG	M	NG	NG	F -SPERM
90166	NG	NG	R	F	NG	NG	R	NG	NG	R -SPERM
90173	0- 1	NG	NG	M	NG	NG	M	NG	NG	F -SPERM

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW, M=MODERATE, AB=ABUNDANT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A33 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

PAGE 2
WEEK 4

GROUP: 0.3 MG/KG/DAY MALES										
ANIMAL	WBC	M I RBC	C R O EPI BAC	AMC	HA	TPH	COX	UAC	OTHER	
90118	NG	NG	NG F	NG	NG	R	NG	NG	F -SPERM	
90124	0- 1	NG	R F	NG	NG	F	NG	NG	M -SPERM	
90127	NG	NG	R M	NG	NG	M	NG	NG	F -SPERM	
90134	0- 1	NG	R F	NG	NG	R	NG	NG	F -SPERM	
90138	NG	NG	R F	NG	NG	F	NG	NG	R -SPERM	
									R -MUCOUS	
90144	NG	NG	R R	NG	NG	R	NG	NG	F -SPERM	
90148	NG	NG	R F	NG	NG	F	NG	NG	F -SPERM	
90151	NG	NG	R AB	NG	NG	F	NG	NG	F -SPERM	
90157	NG	NG	NG F	NG	NG	AB	NG	NG	R -SPERM	
90167	NG	NG	R AB	NG	NG	AB	NG	NG	R -SPERM	

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW, M=MODERATE, AB=ABUNDANT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A33 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

PAGE 3
WEEK 4

GROUP: 3 MG/KG/DAY			MALES							
ANIMAL	WBC	M I RBC	C EPI	R BAC	O AMC	HA	TPH	COX	UAC	OTHER
90110	NG	NG	R	F	R	NG	F	NG	NG	
90121	NG	NG	R	F	NG	NG	R	NG	NG	F -SPERM
90126	NG	NG	NG	M	NG	NG	F	NG	NG	F -SPERM
90128	NG	NG	NG	F	NG	NG	R	NG	NG	R -MUCOUS
90141	NG	NG	NG	F	NG	NG	R	NG	NG	R -SPERM
90146	NG	NG	NG	F	NG	NG	R	NG	NG	M -SPERM
90161	NG	NG	R	F	NG	NG	F	NG	NG	F -SPERM
90165	NG	NG	R	F	NG	NG	R	NG	NG	M -SPERM
90170	NG	NG	R	F	R	NG	NG	NG	NG	R -SPERM
										R -MUCOUS
90174	0- 1	0- 1	NG	M	F	NG	NG	NG	NG	M -SPERM

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW, M=MODERATE

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A33 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

PAGE 4
WEEK 4

GROUP: 30 MG/KG/DAY MALES										
ANIMAL	WBC	M I C R O RBC	EPI	BAC	AMC	HA	TPH	COX	UAC	OTHER
90119	NG	NG	R	AB	NG	NG	M	NG	NG	F -SPERM
90130	NG	NG	R	F	NG	NG	NG	NG	NG	F -SPERM
90131	NG	NG	R	F	NG	NG	M	NG	NG	F -SPERM
90132	NG	NG	R	M	R	NG	R	NG	NG	F -SPERM
90135	NG	NG	R	F	NG	NG	M	NG	NG	M -SPERM
										F -YEAST
90136	NG	NG	R	M	NG	NG	F	NG	NG	R -SPERM
										F -YEAST
90142	0- 1	NG	NG	F	NG	NG	R	NG	NG	F -SPERM
90143	NG	NG	R	M	NG	NG	M	NG	NG	R -SPERM
90162	NG	NG	NG	M	F	NG	R	NG	NG	R -SPERM
90171	NG	NG	R	M	NG	NG	F	NG	NG	M -SPERM

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW, M=MODERATE, AB=ABUNDANT

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PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A34 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

GROUP: 0 MG/KG/DAY		M I		FEMALES							
ANIMAL	WBC	RBC	EPI	BAC	AMC	HA	TPH	COX	UAC	OTHER	
90175	NG	0- 1	R	R	R	NG	NG	NG	NG		
90177	NG	0- 1	R	R	F	NG	NG	NG	NG		
90192	NG	0- 1	NG	R	NG	NG	NG	NG	NG		
90204	NG	NG	NG	R	NG	NG	R	NG	NG		
90209	NG	0- 1	NG	R	NG	NG	NG	NG	NG		
90214	NG	NG	NG	R	R	NG	R	NG	NG	R -YEAST	
90224	NG	NG	NG	R	NG	NG	NG	NG	NG		
90225	NG	NG	NG	R	NG	NG	R	NG	NG		
90232	NG	NG	R	R	R	NG	NG	NG	NG		
90235	NG	NG	NG	R	R	NG	R	NG	NG		

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A34 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

PAGE 2
WEEK 4

GROUP: 3 MG/KG/DAY			FEMALES							
ANIMAL	WBC	M I RBC	C R O			HA	TPH	COX	UAC	OTHER
			EPI	BAC	AMC					
90193	NG	0- 1	R	R	NG	NG	NG	NG	NG	
90199	0- 1	0- 2	R	R	R	NG	NG	NG	NG	
90206	NG	0- 1	R	R	NG	NG	NG	NG	NG	
90210	0- 1	NG	R	R	NG	NG	R	NG	NG	R -YEAST
90217	0- 1	0- 2	NG	R	NG	NG	R	NG	NG	
90221	NG	0- 2	NG	R	R	NG	NG	NG	NG	
90230	NG	0- 1	R	R	NG	NG	NG	NG	NG	R -YEAST
90234	0- 1	NG	NG	F	R	NG	R	NG	NG	R -YEAST
90236	0- 1	0- 1	R	R	R	NG	NG	NG	NG	
90244	0- 1	0- 1	R	R	NG	NG	R	NG	NG	

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A34 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

PAGE 3
WEEK 4

GROUP: 30 MG/KG/DAY		FEMALES									
ANIMAL	WBC	M I		C R O			HA	TPH	COX	UAC	OTHER
		RBC		EPI	BAC	AMC					
90178	NG	0- 1		R	R	NG	NG	NG	NG	NG	
90181	NG	0- 1		NG	R	NG	NG	R	NG	NG	
90191	0- 1	0- 1		NG	R	R	NG	NG	NG	NG	
90195	NG	NG		R	R	NG	NG	R	NG	NG	
90202	NG	0- 1		R	R	R	NG	NG	NG	NG	
90205	NG	0- 1		NG	R	NG	NG	NG	NG	NG	
90212	NG	0- 1		NG	R	R	NG	F	NG	NG	
90215	0- 1	0- 1		NG	R	NG	NG	NG	NG	NG	
90219	NG	0- 2		R	R	R	NG	NG	NG	NG	
90228	NG	NG		R	R	R	NG	NG	NG	NG	F -YEAST

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A34 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

PAGE 4
WEEK 4

GROUP: 300 MG/KG/DAY FEMALES										
ANIMAL	WBC	M I RBC	C R O EPI BAC	AMC	HA	TPH	COX	UAC	OTHER	
90176	NG	0- 1	NG R	NG	NG	NG	NG	NG	R -YEAST	
90182	0- 1	0- 2	NG R	NG	NG	NG	NG	NG		
90183	0- 1	0- 1	R R	NG	NG	NG	NG	NG		
90187	NG	0- 2	R F	NG	NG	R	NG	NG		
90190	NG	NG	R R	NG	NG	NG	NG	NG		
90213	NG	0- 1	NG R	R	NG	R	NG	NG	R -YEAST	
90220	NG	NG	NG R	NG	NG	NG	NG	NG		
90227	0- 1	0- 2	NG R	NG	NG	M	NG	NG		
90231	NG	0- 1	R R	R	NG	NG	NG	NG		
90242	NG	NG	R R	R	NG	NG	NG	NG		

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW, M=MODERATE

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PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A35 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

GROUP: 0 MG/KG/DAY		MALES												
ANIMAL	M A C R O COL CLA	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL		
90105	YEL	SLC	1.040	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	7.0	
90116	YEL	CLR	1.039	6.5	2+	NG	NG	NG	TR	NG	NG	0.2	6.0	
90117	YEL	CLR	1.036	6.5	1+	NG	NG	NG	NG	NG	NG	0.2	9.0	
90120	YEL	SLC	1.037	6.5	1+	NG	NG	NG	NG	NG	NG	0.2	7.0	
90129	YEL	SLC	1.037	6.5	1+	NG	NG	1+	NG	NG	NG	0.2	6.0	
90140	YEL	CLD	1.041	6.0	1+	NG	TR	1+	NG	NG	NG	0.2	6.0	
90153	YEL	SLC	1.014	6.5	NG	NG	NG	NG	NG	NG	P+	0.2	26.0	
90156	YEL	SLC	1.029	7.0	1+	NG	TR	NG	TR	TR	P+	0.2	12.0	
90158	YEL	SLC	1.037	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	8.0	
90164	YEL	SLC	1.038	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	7.0	
MEAN			1.035	6.5								0.2	9.4	
S.D.			0.0080	0.24								0.00	6.11	
S.E.			0.0025	0.07								0.00	1.93	
N			10	10								10	10	

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, CLD=CLOUDY, NG=NEGATIVE, 1+=TRACE TO SLIGHT, 2+=SLIGHT TO MODERATE, TR=TRACE,
P+=POSITIVE, LEU=LEUKOCYTES, TVOL=TOTAL VOLUME (mL), COL=COLOR, CLA=CLARITY, SLC=SLIGHTLY CLOUDY, YEL=YELLOW

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A35 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

PAGE 2
WEEK 8

GROUP: 30 MG/KG/DAY		MALES													
ANIMAL	M A C R O COL CLA	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL			
90109	YEL	SLC	1.027	6.5	1+	NG	TR	NG	1+	TR	NG	0.2	13.0		
90111	YEL	SLC	1.022	6.5	TR	NG	TR	NG	NG	TR	NG	0.2	10.0		
90112	YEL	SLC	1.046	6.5	1+	NG	NG	1+	NG	NG	NG	0.2	4.0		
90114	YEL	CLR	1.046	7.0	1+	NG	TR	NG	NG	NG	NG	0.2	5.0		
90115	YEL	SLC	1.033	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	7.0		
90133	YEL	CLR	1.027	6.5	1+	NG	TR	NG	NG	NG	NG	0.2	10.0		
90149	YEL	CLR	1.038	6.5	1+	NG	NG	NG	NG	NG	NG	0.2	9.0		
90160	YEL	CLR	1.039	6.0	1+	NG	NG	NG	NG	NG	NG	0.2	6.0		
90168	YEL	SLC	1.033	7.0	1+	NG	NG	NG	NG	NG	NG	0.2	8.0		
90172	YEL	SLC	1.039	6.5	2+	NG	NG	NG	NG	TR	NG	0.2	6.0		
MEAN			1.035	6.6							0.2	7.8			
S.D.			0.0081	0.28							0.00	2.74			
S.E.			0.0026	0.09							0.00	0.87			
N			10	10							10	10			

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, NG=NEGATIVE, 1+=TRACE TO SLIGHT, 2+=SLIGHT TO MODERATE, TR=TRACE, LEU=LEUKOCYTES,
TVOL=TOTAL VOLUME (mL), COL=COLOR, CLA=CLARITY, SLC=SLIGHTLY CLOUDY, YEL=YELLOW

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PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A36 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

GROUP: 0 MG/KG/DAY		FEMALES													
ANIMAL	M A C R O COL CLA	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL			
90179	YEL	CLR	1.037	6.5	TR	NG	NG	1+	TR	NG	NG	0.2	4.0		
90185	YEL	CLR	1.030	6.5	TR	NG	NG	NG	TR	NG	NG	0.2	6.0		
90194	YEL	CLR	1.041	6.5	TR	NG	NG	NG	NG	NG	NG	0.2	4.0		
90196	YEL	SLC	1.015	6.5	NG	NG	NG	NG	1+	NG	NG	0.2	13.0		
90197	YEL	SLC	1.046	6.0	1+	NG	NG	NG	NG	NG	NG	0.2	4.0		
90198	YEL	CLR	1.043	6.0	TR	NG	NG	NG	NG	NG	NG	0.2	4.0		
90203	YEL	CLR	1.058	6.0	1+	NG	NG	NG	NG	NG	NG	1.0	2.0		
90222	YEL	CLR	1.046	6.5	1+	NG	NG	NG	NG	NG	NG	0.2	4.0		
90229	YEL	CLR	1.024	6.5	NG	NG	NG	NG	NG	NG	NG	0.2	8.0		
90233	YEL	CLR	1.029	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	6.0		
MEAN			1.037	6.3							0.3	5.5			
S.D.			0.0126	0.26							0.25	3.10			
S.E.			0.0040	0.08							0.08	0.98			
N			10	10							10	10			

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, NG=NEGATIVE, 1+=TRACE TO SLIGHT, TR=TRACE, LEU=LEUKOCYTES, TVOL=TOTAL VOLUME (mL),
COL=COLOR, CLA=CLARITY, SLC=SLIGHTLY CLOUDY, YEL=YELLOW

PAGE 2
WEEK 8

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A36 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC URINALYSIS VALUES

GROUP: 300 MG/KG/DAY		FEMALES												
ANIMAL	M A C R O COL CLA	SG	PH	PRO	GLU	KET	BIL	BLD	LEU	NIT	URO	TVOL		
90186	YEL CLR	1.046	6.5	TR	NG	NG	NG	NG	NG	NG	0.2	3.0		
90188	YEL CLR	1.032	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	7.0		
90200	YEL CLR	1.032	7.0	1+	NG	NG	NG	NG	TR	NG	0.2	4.0		
90201	YEL CLR	1.042	6.0	TR	NG	NG	NG	NG	NG	NG	0.2	3.0		
90207	YEL SLC	1.032	6.5	TR	TR	NG	NG	1+	NG	NG	0.2	4.0		
90216	YEL CLR	1.021	6.0	NG	NG	NG	NG	NG	NG	NG	0.2	8.0		
90223	YEL CLR	1.044	6.0	TR	NG	NG	NG	NG	NG	NG	0.2	4.0		
90226	YEL SLC	1.048	6.5	TR	NG	NG	NG	NG	NG	NG	0.2	5.0		
90237	YEL SLC	1.036	6.0	TR	NG	NG	NG	NG	NG	NG	0.2	5.0		
90240	YEL CLR	1.021	6.5	NG	NG	NG	NG	NG	NG	NG	0.2	10.0		
MEAN		1.035	6.3								0.2	5.3		
S.D.		0.0097	0.35								0.00	2.31		
S.E.		0.0031	0.11								0.00	0.73		
N		10	10								10	10		

----- MACRO CODE -----
SG=SPECIFIC GRAVITY, PRO=PROTEIN, GLU=GLUCOSE, KET=KETONE, BIL=BILIRUBIN, BLD=BLOOD, NIT=NITRITE,
URO=UROBILINOGEN (mg/dL), CLR=CLEAR, NG=NEGATIVE, 1+=TRACE TO SLIGHT, TR=TRACE, LEU=LEUKOCYTES, TVOL=TOTAL VOLUME (mL),
COL=COLOR, CLA=CLARITY, SLC=SLIGHTLY CLOUDY, YEL=YELLOW

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PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A37 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

PAGE 1
WEEK 8

GROUP: 0 MG/KG/DAY		MALES								
ANIMAL	WBC	M I RBC	C R O EPI	BAC	AMC	HA	TPH	COX	UAC	OTHER
90105	0- 1	NG	R	R	NG	NG	F	NG	NG	F -SPERM
90116	NG	0- 1	R	R	NG	NG	NG	NG	NG	F -SPERM
90117	NG	NG	R	R	NG	NG	NG	NG	NG	R -SPERM
90120	NG	NG	R	R	NG	NG	NG	NG	NG	M -SPERM
90129	NG	NG	R	R	NG	NG	R	NG	NG	R -SPERM
90140	NG	NG	R	F	NG	NG	R	NG	NG	M -SPERM
90153	NG	NG	NG	M	NG	NG	M	NG	NG	R -SPERM
90156	NG	NG	R	M	NG	NG	R	NG	NG	F -SPERM
90158	NG	NG	NG	R	NG	NG	F	NG	NG	R -SPERM
90164	NG	NG	R	F	NG	NG	R	NG	NG	

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW, M=MODERATE

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A37 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

PAGE 2
WEEK 8

GROUP: 30 MG/KG/DAY		MALES									
ANIMAL	WBC	M I RBC	C EPI	R BAC	O AMC	HA	TPH	COX	UAC	OTHER	
90109	0- 1	NG	NG	M	NG	NG	R	NG	NG	R -SPERM	
90111	NG	NG	R	M	NG	NG	R	NG	NG	F -SPERM	
90112	NG	NG	NG	R	NG	NG	F	NG	NG	F -SPERM	
90114	NG	NG	NG	R	NG	NG	R	NG	NG	R -SPERM	
90115	NG	NG	R	R	NG	NG	R	NG	NG	R -SPERM	
90133	0- 1	0- 1	NG	F	NG	NG	R	NG	NG	F -SPERM	
90149	NG	NG	R	R	NG	NG	R	NG	NG	R -SPERM	
90160	0- 1	NG	R	F	NG	NG	NG	NG	NG	M -SPERM	
90168	NG	NG	NG	R	NG	NG	F	NG	NG	R -SPERM	
90172	NG	NG	NG	R	NG	NG	F	NG	NG	F -SPERM	

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW, M=MODERATE

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PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A38 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

GROUP: 0 MG/KG/DAY FEMALES										
ANIMAL	WBC	M I RBC	C R O			HA	TPH	COX	UAC	OTHER
			EPI	BAC	AMC					
90179	NG	NG	NG	R	NG	NG	R	NG	NG	
90185	0- 1	NG	NG	R	NG	NG	NG	NG	NG	
90194	NG	NG	R	R	NG	NG	R	NG	NG	
90196	NG	NG	NG	F	NG	NG	R	NG	NG	
90197	0- 1	NG	NG	R	NG	NG	NG	NG	NG	R -YEAST
90198	0- 1	NG	NG	R	NG	NG	NG	NG	NG	
90203	0- 1	0- 1	R	R	NG	NG	NG	NG	NG	
90222	0- 1	NG	NG	R	NG	NG	NG	NG	NG	
90229	NG	NG	R	R	NG	NG	NG	NG	NG	
90233	NG	NG	NG	R	R	NG	NG	NG	NG	

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A38 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MICROSCOPIC URINALYSIS VALUES

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WEEK 8

GROUP: 300 MG/KG/DAY FEMALES										
ANIMAL	WBC	M I RBC	C R O EPI BAC	AMC	HA	TPH	COX	UAC	OTHER	
90186	NG	NG	NG R	NG	NG	R	NG	NG		
90188	0- 1	NG	NG R	NG	NG	NG	NG	NG		
90200	NG	NG	NG F	NG	NG	NG	NG	NG		
90201	NG	0- 1	NG R	NG	NG	NG	NG	NG	R -YEAST	
90207	NG	NG	NG R	NG	NG	R	NG	NG		
90216	0- 1	NG	R R	NG	NG	NG	NG	NG		
90223	NG	NG	R R	NG	NG	R	NG	NG		
90226	NG	0- 1	R R	NG	NG	NG	NG	NG		
90237	NG	1- 3	NG R	NG	NG	R	NG	NG		
90240	NG	0- 1	R R	NG	NG	R	NG	NG		

----- MICRO CODE -----
EPI=EPITHELIAL, BAC=BACTERIA, AMC=AMORPHOUS CRYSTALS, HA=HIPPURIC ACID, TPH=TRIPLE PHOSPHATES, COX=CALCIUM OXALATE,
UAC=URIC ACID CRYSTALS, NG=NEGATIVE, R=RARE, F=FEW

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PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A39 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

PAGE 1
WEEK 4

ANIMAL	OSMO- LALITY
mOsm/kg	
GROUP: 0 MG/KG/DAY	MALES
90108	903.
90123	884.
90125	900.
90139	1003.
90145	978.
90152	1189.
90159	981.
90163	1192.
90166	1276.
90173	972.
MEAN	1028.
S.D.	139.7
S.E.	44.2
N	10
mOsm/kg = MILLIOSMOLES/KILOGRAM	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A39 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

ANIMAL	OSMO- LALITY
mOsm/kg	
GROUP: 0.3 MG/KG/DAY MALES	
90118	1175.
90124	1338.
90127	808.
90134	996.
90138	1181.
90144	1153.
90148	1072.
90151	640.
90157	870.
90167	706.
MEAN	994.
S.D.	229.9
S.E.	72.7
N	10
mOsm/kg = MILLIOSMOLES/KILOGRAM	

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WEEK 4

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A39 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

ANIMAL	OSMO- LALITY
mOsm/kg	
GROUP: 3 MG/KG/DAY	MALES
90110	1055.
90121	683.
90126	1018.
90128	1251.
90141	1262.
90146	1237.
90161	1292.
90165	1327.
90170	1170.
90174	877.
MEAN	1117.
S.D.	208.3
S.E.	65.9
N	10
mOsm/kg = MILLIOSMOLES/KILOGRAM	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A39 (WEEK 4 EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

PAGE 4
WEEK 4

ANIMAL	OSMO- LALITY
	mOsm/kg
GROUP: 30 MG/KG/DAY	MALES
90119	868.
90130	1162.
90131	1219.
90132	1021.
90135	977.
90136	1181.
90142	810.
90143	796.
90162	763.
90171	966.
MEAN	976.
S.D.	168.3
S.E.	53.2
N	10
mOsm/kg = MILLIOSMOLES/KILOGRAM	

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PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A40 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

ANIMAL	OSMO- LALITY
mOsm/kg	
GROUP: 0 MG/KG/DAY	FEMALES
90175	1928.
90177	1188.
90192	1784.
90204	1250.
90209	1235.
90214	1367.
90224	1568.
90225	1536.
90232	979.
90235	1670.
MEAN	1451.
S.D.	296.9
S.E.	93.9
N	10
mOsm/kg = MILLIOSMOLES/KILOGRAM	

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A40 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

ANIMAL	OSMO- LALITY
mOsm/kg	
GROUP: 3 MG/KG/DAY	FEMALES
90193	2046.
90199	1441.
90206	1390.
90210	1304.
90217	1358.
90221	1126.
90230	1165.
90234	676.
90236	1106.
90244	875.
MEAN	1249.
S.D.	367.8
S.E.	116.3
N	10
mOsm/kg = MILLIOSMOLES/KILOGRAM	

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A40 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

ANIMAL	OSMO- LALITY
	mOsm/kg
GROUP: 30 MG/KG/DAY FEMALES	
90178	1576.
90181	1276.
90191	1868.
90195	1258.
90202	1192.
90205	1944.
90212	2036.
90215	1946.
90219	2212.
90228	706.
MEAN	1601.
S.D.	478.7
S.E.	151.4
N	10
mOsm/kg = MILLIOSMOLES/KILOGRAM	

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WEEK 4

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TABLE A40 (WEEK 4 EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

ANIMAL	OSMO- LALITY
mOsm/kg	
GROUP: 300 MG/KG/DAY	FEMALES
90176	1434.
90182	1239.
90183	2064.
90187	702.
90190	1898.
90213	1378.
90220	1662.
90227	1084.
90231	1026.
90242	1395.
MEAN	1388.
S.D.	409.7
S.E.	129.6
N	10
mOsm/kg = MILLIOSMOLES/KILOGRAM	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A41 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

ANIMAL		OSMO- LALITY
		mOsm/kg
GROUP:	Ø MG/KG/DAY	MALES
90105		1349.
90116		1309.
90117		1170.
90120		1240.
90129		1247.
90140		1363.
90153		435.
90156		980.
90158		1233.
90164		1305.
MEAN		1163.
S.D.		278.4
S.E.		88.0
N		10
mOsm/kg = MILLIOSMOLES/KILOGRAM		

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TABLE A41 (WEEK 8 RECOVERY EVALUATION - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

ANIMAL	OSMO- LALITY
mOsm/kg	
GROUP:	30 MG/KG/DAY MALES
90109	888.
90111	711.
90112	1598.
90114	1660.
90115	1095.
90133	859.
90149	1270.
90160	1292.
90168	1285.
90172	1353.
MEAN	1201.
S.D.	312.3
S.E.	98.8
N	10
mOsm/kg = MILLIOSMOLES/KILOGRAM	

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A42 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

ANIMAL	OSMO- LALITY
mOsm/kg	
GROUP: 0 MG/KG/DAY	FEMALES
90179	1279.
90185	1054.
90194	1484.
90196	486.
90197	1654.
90198	1558.
90203	2216.
90222	1646.
90229	785.
90233	985.
MEAN	1315.
S.D.	502.3
S.E.	158.8
N	10
mOsm/kg = MILLIOSMOLES/KILOGRAM	

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WEEK 8

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A42 (WEEK 8 RECOVERY EVALUATION - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL URINE CHEMISTRY VALUES

ANIMAL	OSMO- LALITY
mOsm/kg	
GROUP: 300 MG/KG/DAY FEMALES	
90186	1764.
90188	1101.
90200	1127.
90201	1498.
90207	1120.
90216	680.
90223	1772.
90226	1303.
90237	1273.
90240	688.
MEAN	1233.
S.D.	379.1
S.E.	119.9
N	10

mOsm/kg = MILLIOSMOLES/KILOGRAM

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PROJECT NO.:WIL-189205M		TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)						PAGE		1	
SPONSOR:E.I. DUPONT		A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY									
SPONSOR NO.:DUPONT-24447		INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS									
ANIMAL NO.	90108	GROUP	1:	0 MG/KG/DAY	MALE	SCHEDULED EUTH	01/07/08	DATE OF DEATH: 01/07/08	STUDY DAY: 28		
										GRADE	
ORGAN WEIGHT	ABS.(G)	REL.	HEART	MICRO: INFLAMMATION, CHRONIC						1	
LIVER	10.43	3.239		EPICARDIAL, FOCAL							
BRAIN	1.94	0.602	KIDNEYS	MICRO: INFLAMMATION, CHRONIC						1	
KIDNEYS	2.74	0.851		INTERSTITIAL, FOCAL							
SPLEEN	0.55	0.171		BASOPHILIC TUBULES						1	
HEART	1.45	0.450		FOCAL							
EPIDIDYMIDES	0.82	0.255	LIVER	MICRO: INFILTRATE, MONONUCLEAR						1	
TESTES	2.81	0.873		MULTIFOCAL							
THYMUS	0.4706	0.146	THYMUS	MICRO: HEMORRHAGE						1	
ADRENAL GLANDS	0.0469	0.015	TRACHEA	MICRO: DILATATION, DUCTULAR						2	
FINAL BODY WT(G)	322.			MULTIFOCAL							
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR						1	
				NASAL CAVITY, MULTIFOCAL							
				CORPORA AMYLACEA						1	
				OLFACTORY EPITHELIUM, FOCAL							
			NO SIGNIFICANT								
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR				
				BRAIN	CECUM	COLON	DUODENUM				
				EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART				
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND				
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS				
				LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS				
				PHARYNX	PITUITARY	PROSTATE	RECTUM				
				SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE				
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES				

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90108 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

	THYROID GLANDS	THYMUS	TONGUE	TRACHEA
	URINARY BLADDER	PEYER'S PATCHES		
MICRO:	ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
	CECUM	COLON	DUODENUM	EPIDIDYMIDES
	ESOPHAGUS	EYES/OPTIC N.	ILEUM	JEJUNUM
	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES	LUNGS
	LARYNX	NERVE, SCIATIC	PANCREAS	PHARYNX
	PITUITARY	PROSTATE	RECTUM	SPINAL CORD
	SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON	SKELETAL MUSCLE
	SKIN	SPLEEN	SEMINAL VESICLES	TESTES
	THYROID GLANDS	PARATHYROIDS	TONGUE	URINARY BLADDER
	NASAL LEVEL I	PEYER'S PATCHES		

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90123 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	HEART	MICRO: INFLAMMATION, CHRONIC	1
LIVER	11.13	3.283		EPICARDIAL, FOCAL	
BRAIN	2.02	0.596	KIDNEYS	MICRO: BASOPHILIC TUBULES	1
KIDNEYS	3.07	0.906		FOCAL	
SPLEEN	0.79	0.233	LYMPH NODE, MAND	GROSS: DISCOLORATION, DARK RED	P
HEART	1.31	0.386		BILATERAL	
EPIDIDYIMIDES	1.03	0.304	LYMPH NODE, MAND	MICRO: HEMORRHAGE	2
TESTES	3.38	0.997	LARYNX	MICRO: DILATATION, DUCTULAR	2
THYMUS	0.6655	0.196		SUBMUCOSA, MULTIFOCAL	
ADRENAL GLANDS	0.0734	0.022	TEETH	GROSS: MALALIGNED	P
FINAL BODY WT(G)	339.			UPPER INCISOR, LEFT; CEO MALALIGNED	
			TEETH	MICRO: NO SIGNIFICANT CHANGES OBSERVED	
				INCISOR IN NASAL LEVEL YI EXAMINED	
			PHARYNX	MICRO: NOT PRESENT FOR EXAMINATION	
				NOT IN PLANE OF SECTION; RECUT MADE AND EXAMINED	
			SKELETAL MUSCLE	MICRO: INFILTRATE, LYMPHOCYTE	1
				FOCAL	
			TRACHEA	MICRO: DILATATION, DUCTULAR	3
				FOCAL	
			NASAL LEVEL I	MICRO: LUMINAL DEBRIS, CELLULAR	1
				NASAL CAVITY, MULTIFOCAL	
				EXUDATE, LUMINAL	3
				NASOLACRIMAL DUCT, BILATERAL	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90123 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

HEMORRHAGE
ALVEOLAR SOCKET, UNILATERAL

3

NO SIGNIFICANT
CHANGES OBSERVED

GROSS:ADRENAL GLANDS
BRAIN
EPIDIDYIMIDES
ILEUM
LIVER
NERVE, SCIATIC
PITUITARY
SAL. GLAND MAND
SPLEEN
THYMUS
PEYER'S PATCHES
MICRO:ADRENAL CORTEX
MARROW, STERN
CECUM
ESOPHAGUS
LAC. GLAND EXOR
NERVE, SCIATIC
PROSTATE
STOMACH, GLAN
SEMINAL VESICLES
THYMUS
PEYER'S PATCHES

AORTA
CECUM
ESOPHAGUS
JEJUNUM
LYMPH NODE, MES
NASAL CAVITY
PROSTATE
STOMACH
SEMINAL VESICLES
TONGUE
ADRENAL MEDULLA
FEMUR
COLON
EYES/OPTIC N.
LIVER
TEETH
RECTUM
STOMACH, NON
TESTES
TONGUE
AORTA
MARROW, FEMUR
DUODENUM
ILEUM
LYMPH NODE, MES
PANCREAS
SPINAL CORD
SKIN
THYROID GLANDS
URINARY BLADDER

FEMUR
DUODENUM
HEART
LAC. GLAND EXOR
LARYNX
PHARYNX
SPINAL CORD
SKIN
THYROID GLANDS
URINARY BLADDER
STERNUM
BRAIN
EPIDIDYIMIDES
JEJUNUM
LUNGS
PITUITARY
SAL. GLAND MAND
SPLEEN
PARATHYROID
NASAL LEVEL III

NOT PRESENT FOR EXAMINATION

MICRO:PHARYNX

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90123 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

LYMPH NODE, MAND: DISCOLORATION, DARK RED
TEETH: MALALIGNED

<====>LYMPH NODE, MAND: HEMORRHAGE
<====>GROSS UNCONFIRMED

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90125 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	MICRO: INFLAMMATION, CHRONIC	1
LIVER	12.97	3.544		INTERSTITIAL, MULTIFOCAL	
BRAIN	2.17	0.593	TEETH	GROSS: MALALIGNED	P
KIDNEYS	3.42	0.934		UPPER INCISOR, BILATERAL; CEO MALALIGNED	
SPLEEN	0.64	0.175	TEETH	MICRO: MALALIGNED	P
HEART	1.54	0.421		DEGENERATE UPPER INCISOR DISPLACED INTO NASAL CAVITY AT YI	
EPIDIDYMIDES	1.01	0.276	SKIN	GROSS: MATTING, RED	P
TESTES	3.35	0.915		OCULAR, BILATERAL; NASAL	
THYMUS	0.5045	0.138	THYROID GLANDS	MICRO: CYST, ULTIMOBRANCHIAL	P
ADRENAL GLANDS	0.0558	0.015	TRACHEA	MICRO: DILATATION, DUCTULAR	2
FINAL BODY WT(G)	366.			MULTIFOCAL	
			NASAL LEVEL I	MICRO: DEGENERATION	3
				INCISOR, UNILATERAL; AMELOBLAST LAYER AFFECTED	
				LUMINAL DEBRIS, CELLULAR	2
				NASAL CAVITY, MULTIFOCAL	
				EXUDATE, LUMINAL	2
				NASOLACRIMAL DUCT, BILATERAL	
				HEMORRHAGE	3
				ALVEOLAR SOCKET, UNILATERAL	
				INFLAMMATION, SUBACUTE	2
				NASOLACRIMAL DUCT, BILATERAL	
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
				NASAL CAVITY, MULTIFOCAL	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90125 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

CORPORA AMYLACEA
OLFACTORY EPITHELIUM, MULTIFOCAL

1

NO SIGNIFICANT
CHANGES OBSERVED

GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	CECUM	COLON	DUODENUM
EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
PHARYNX	PITUITARY	PROSTATE	RECTUM
SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS
THYMUS	TONGUE	TRACHEA	URINARY BLADDER
PEYER'S PATCHES			
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	EPIDIDYIMIDES
ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LIVER
LYMPH NODE, MES	LUNGS	LARYNX	NERVE, SCIATIC
PANCREAS	PHARYNX	PITUITARY	PROSTATE
RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN
STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN
SEMINAL VESICLES	TESTES	PARATHYROID	THYMUS
TONGUE	URINARY BLADDER	PEYER'S PATCHES	

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

TEETH: MALALIGNED

<====>TEETH: MALALIGNED

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90139 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	EPIDIDYIMIDES	MICRO: INFILTRATE, LYMPHOCYTE	1
LIVER	9.57	2.927		FOCAL	
BRAIN	2.00	0.612	KIDNEYS	MICRO: INFLAMMATION, CHRONIC	1
KIDNEYS	2.92	0.893		INTERSTITIAL, FOCAL	
SPLEEN	0.49	0.150		BASOPHILIC TUBULES	1
HEART	1.20	0.367		FOCAL	
EPIDIDYIMIDES	0.95	0.291	PITUITARY	MICRO: CYST, PARS INTERMEDIA	P
TESTES	2.95	0.902	PROSTATE	MICRO: INFILTRATE, LYMPHOCYTE	1
THYMUS	0.4239	0.130		FOCAL	
ADRENAL GLANDS	0.0584	0.018	PARATHYROIDES	MICRO: NO SIGNIFICANT CHANGES OBSERVED	
FINAL BODY WT(G)	327.			ONE OF PAIR PRESENT	
			TRACHEA	MICRO: DILATATION, DUCTULAR	2
				MULTIFOCAL	
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
				NASAL CAVITY, MULTIFOCAL	
				CORPORA AMYLACEA	1
				OLFACTORY EPITHELIUM, MULTIFOCAL	
			NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
				BRAIN	
				EPIDIDYIMIDES	
				ILEUM	
				LAC. GLAND EXOR	
				LARYNX	
				AORTA	
				CECUM	
				ESOPHAGUS	
				JEJUNUM	
				LIVER	
				NERVE, SCIATIC	
				STERNUM	
				COLON	
				EYES/OPTIC N.	
				KIDNEYS	
				LYMPH NODE, MES	
				NASAL CAVITY	
				FEMUR	
				DUODENUM	
				HEART	
				LYMPH NODE, MAND	
				LUNGS	
				PANCREAS	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90139 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

PHARYNX	PITUITARY	PROSTATE	RECTUM
SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
SKIN	SPLEEN	SEMINAL VESICLES	TESTES
THYROID GLANDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	PEYER'S PATCHES		
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	ESOPHAGUS
EYES/OPTIC N.	HEART	ILEUM	JEJUNUM
LYMPH NODE, MAND	LAC. GLAND EXOR	LIVER	LYMPH NODE, MES
LUNGS	LARYNX	NERVE, SCIATIC	PANCREAS
PHARYNX	RECTUM	SPINAL CORD	SAL. GLAND MAND
STOMACH, GLAN	STOMACH, NON	SKELETAL MUSCLE	SKIN
SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS
PARATHYROID	THYMUS	TONGUE	URINARY BLADDER
NASAL LEVEL I	PEYER'S PATCHES		

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90145 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	EPIDIDYMIDES	MICRO: INFILTRATE, LYMPHOCYTE	1
LIVER	11.88	3.194		FOCAL	
BRAIN	1.88	0.505	LAC. GLAND EXOR	MICRO: INFILTRATE, LYMPHOCYTE	1
KIDNEYS	3.30	0.887		FOCAL	
SPLEEN	0.72	0.194	LIVER	MICRO: INFILTRATE, MONONUCLEAR	2
HEART	1.40	0.376		MULTIFOVAL	
EPIDIDYMIDES	1.02	0.274	LUNGS	MICRO: MINERALIZATION, VASCULAR	1
TESTES	3.56	0.957		INTIMAL, FOCAL	
THYMUS	0.6471	0.174	STOMACH, GLAN	MICRO: DILATATION, GLANDULAR	1
ADRENAL GLANDS	0.0558	0.015		MULTIFOVAL	
FINAL BODY WT(G)	372.		THYROID GLANDS	MICRO: CYST, ULTIMOBRANCHIAL	P
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
				NASAL CAVITY, MULTIFOVAL	
				CORPORA AMYLACEA	1
				OLFACTORY EPITHELIUM, MULTIFOVAL	
			NO SIGNIFICANT		
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
				BRAIN	
				EPIDIDYMIDES	
				ILEUM	
				LAC. GLAND EXOR	
				LARYNX	
				PHARYNX	
				SPINAL CORD	
				SKIN	
				AORTA	
				CECUM	
				ESOPHAGUS	
				JEJUNUM	
				LIVER	
				NERVE, SCIATIC	
				PITUITARY	
				SAL. GLAND MAND	
				SPLEEN	
				STERNUM	
				COLON	
				EYES/OPTIC N.	
				KIDNEYS	
				LYMPH NODE, MES	
				NASAL CAVITY	
				PROSTATE	
				STOMACH	
				SEMINAL VESICLES	
				FEMUR	
				DUODENUM	
				HEART	
				LYMPH NODE, MAND	
				LUNGS	
				PANCREAS	
				RECTUM	
				SKELETAL MUSCLE	
				TESTES	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90145 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

	THYROID GLANDS	THYMUS	TONGUE	TRACHEA
	URINARY BLADDER	PEYER'S PATCHES		
MICRO:	ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
	CECUM	COLON	DUODENUM	ESOPHAGUS
	EYES/OPTIC N.	HEART	ILEUM	JEJUNUM
	KIDNEYS	LYMPH NODE, MAND	LYMPH NODE, MES	LARYNX
	NERVE, SCIATIC	PANCREAS	PHARYNX	PITUITARY
	PROSTATE	RECTUM	SPINAL CORD	SAL. GLAND MAND
	STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN
	SEMINAL VESICLES	TESTES	PARATHYROIDS	THYMUS
	TONGUE	TRACHEA	URINARY BLADDER	NASAL LEVEL I
	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90152	GROUP	1:	0 MG/KG/DAY	MALE	SCHEDULED EUTH	01/07/08	DATE OF DEATH: 01/07/08	STUDY DAY: 28
									GRADE
ORGAN WEIGHT	ABS.(G)	REL.	GENERAL COMMENT	GROSS: ORGAN DAMAGED AT NECROPSY					P
LIVER	9.62	3.207		FEMUR, RIGHT					
BRAIN	2.08	0.693	HEART	MICRO: INFLAMMATION, CHRONIC					2
KIDNEYS	2.80	0.933		SUBEPICARDIAL, FOCAL					
SPLEEN	0.52	0.173	LAC. GLAND EXOR	MICRO: INFILTRATE, LYMPHOCYTE					1
HEART	1.22	0.407		MULTIFOVAL					
EPIDIDYMIDES	0.90	0.300	LIVER	MICRO: INFILTRATE, MONONUCLEAR					1
TESTES	2.99	0.997		MULTIFOVAL					
THYMUS	0.3187	0.106	THYMUS	MICRO: HEMORRHAGE					2
ADRENAL GLANDS	0.0563	0.019	TRACHEA	MICRO: DILATATION, DUCTULAR					3
FINAL BODY WT(G)	300.			MULTIFOVAL					
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR					1
				NASAL CAVITY, MULTIFOVAL					
				CORPORA AMYLACEA					1
				OLFACTORY EPITHELIUM, FOCAL					
			NO SIGNIFICANT						
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR		
				BRAIN	CECUM	COLON	DUODENUM		
				EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART		
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND		
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS		
				LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS		
				PHARYNX	PITUITARY	PROSTATE	RECTUM		
				SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE		
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES		
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA		

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90152 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

URINARY BLADDER	PEYER'S PATCHES		
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	EPIDIDYMIDES
ESOPHAGUS	EYES/OPTIC N.	ILEUM	JEJUNUM
KIDNEYS	LYMPH NODE, MAND	LYMPH NODE, MES	LUNGS
LARYNX	NERVE, SCIATIC	PANCREAS	PHARYNX
PITUITARY	PROSTATE	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON	SKELETAL MUSCLE
SKIN	SPLEEN	SEMINAL VESICLES	TESTES
THYROID GLANDS	PARATHYROIDS	TONGUE	URINARY BLADDER
NASAL LEVEL I	PEYER'S PATCHES		

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90159 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	MICRO: INFLAMMATION, CHRONIC	1
LIVER	10.94	3.126		INTERSTITIAL, MULTIFOCAL	
BRAIN	1.99	0.569	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
KIDNEYS	3.04	0.869		MULTIFOCAL	
SPLEEN	0.55	0.157	LUNGS	MICRO: MINERALIZATION, VASCULAR	1
HEART	1.35	0.386		INTIMAL, FOCAL	
EPIDIDYMIDES	1.05	0.300	PROSTATE	MICRO: INFILTRATE, LYMPHOCYTE	1
TESTES	3.32	0.949		MULTIFOCAL	
THYMUS	0.4076	0.116	SKELETAL MUSCLE	MICRO: INFILTRATE, LYMPHOCYTE	1
ADRENAL GLANDS	0.0603	0.017		MULTIFOCAL	
FINAL BODY WT(G)	350.		THYROID GLANDS	MICRO: CYST, ULTIMOBRANCHIAL	P
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
				NASAL CAVITY, MULTIFOCAL	
				CORPORA AMYLACEA	1
				OLFACTORY EPITHELIUM, MULTIFOCAL	
			NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
				BRAIN	
				EPIDIDYMIDES	
				ILEUM	
				LAC. GLAND EXOR	
				LARYNX	
				PHARYNX	
				SPINAL CORD	
				SKIN	
				AORTA	
				CECUM	
				ESOPHAGUS	
				JEJUNUM	
				LIVER	
				NERVE, SCIATIC	
				PITUITARY	
				SAL. GLAND MAND	
				SPLEEN	
				STERNUM	
				COLON	
				EYES/OPTIC N.	
				KIDNEYS	
				LYMPH NODE, MES	
				NASAL CAVITY	
				PROSTATE	
				STOMACH	
				SEMINAL VESICLES	
				FEMUR	
				DUODENUM	
				HEART	
				LYMPH NODE, MAND	
				LUNGS	
				PANCREAS	
				RECTUM	
				SKELETAL MUSCLE	
				TESTES	

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SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90159 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

	THYROID GLANDS	THYMUS	TONGUE	TRACHEA
	URINARY BLADDER	PEYER'S PATCHES		
MICRO:	ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
	CECUM	COLON	DUODENUM	EPIDIDYMITIS
	ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
	JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES
	LARYNX	NERVE, SCIATIC	PANCREAS	PHARYNX
	PITUITARY	RECTUM	SPINAL CORD	SAL. GLAND MAND
	STOMACH, GLAN	STOMACH, NON	SKIN	SPLEEN
	SEMINAL VESICLES	TESTES	PARATHYROID	THYMUS
	TONGUE	TRACHEA	URINARY BLADDER	NASAL LEVEL I
	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90163	GROUP	1:	0 MG/KG/DAY	MALE	SCHEDULED EUTH	01/07/08	DATE OF DEATH: 01/07/08	STUDY DAY: 28
									GRADE
ORGAN WEIGHT	ABS.(G)	REL.	EYES/OPTIC N.	MICRO: INFLAMMATION, SUBACUTE					1
LIVER	12.50	3.272		SUBCONJUNCTIVAL, FOCAL					
BRAIN	1.99	0.521	HEART	MICRO: INFLAMMATION, CHRONIC					1
KIDNEYS	3.32	0.869		INTERSTITIAL, MULTIFOCAL					
SPLEEN	0.68	0.178	KIDNEYS	MICRO: INFLAMMATION, CHRONIC					1
HEART	1.53	0.401		INTERSTITIAL, MULTIFOCAL					
EPIDIDYMIDES	0.87	0.228		BASOPHILIC TUBULES					1
TESTES	3.32	0.869		MULTIFOCAL					
THYMUS	0.4311	0.113	LYMPH NODE, MAND	GROSS: DISCOLORATION, DARK RED					P
ADRENAL GLANDS	0.0654	0.017		BILATERAL					
FINAL BODY WT(G)	382.		LYMPH NODE, MAND	MICRO: HEMORRHAGE					1
			LIVER	MICRO: INFILTRATE, MONONUCLEAR					1
				MULTIFOCAL					
			LUNGS	MICRO: MINERALIZATION, VASCULAR					1
				INTIMAL, FOCAL					
			PARATHYROIDS	MICRO: NO SIGNIFICANT CHANGES OBSERVED					
				ONE OF PAIR PRESENT					
			THYMUS	GROSS: AREA(S), DARK RED					P
				MULTIPLE, PINPOINT TO 2 MM IN DIAMETER					
			THYMUS	MICRO: HEMORRHAGE					1
			TRACHEA	MICRO: DILATATION, DUCTULAR					2
				FOCAL					
			NASAL LEVEL I	MICRO: DEGENERATION					1
				INCISOR; DENTIN INCLUSION, UNILATERAL					

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90163 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
	NASAL CAVITY, MULTIFOCAL	
	CORPORA AMYLACEA	1
	OLFACTORY EPITHELIUM, MULTIFOCAL	
NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
	BRAIN	
	EPIDIDYIMIDES	
	ILEUM	
	LIVER	
	NERVE, SCIATIC	
	PITUITARY	
	SAL. GLAND MAND	
	SPLEEN	
	TONGUE	
	MICRO:ADRENAL CORTEX	
	MARROW, STERN	
	CECUM	
	ESOPHAGUS	
	LYMPH NODE, MES	
	PHARYNX	
	SPINAL CORD	
	SKELETAL MUSCLE	
	TESTES	
	URINARY BLADDER	
	AORTA	
	CECUM	
	ESOPHAGUS	
	JEJUNUM	
	LYMPH NODE, MES	
	NASAL CAVITY	
	PROSTATE	
	STOMACH	
	SEMINAL VESICLES	
	TRACHEA	
	ADRENAL MEDULLA	
	FEMUR	
	COLON	
	ILEUM	
	LARYNX	
	PITUITARY	
	SAL. GLAND MAND	
	SKIN	
	THYROID GLANDS	
	PEYER'S PATCHES	
	STERNUM	
	COLON	
	EYES/OPTIC N.	
	KIDNEYS	
	LUNGS	
	PANCREAS	
	RECTUM	
	SKELETAL MUSCLE	
	TESTES	
	URINARY BLADDER	
	AORTA	
	MARROW, FEMUR	
	DUODENUM	
	JEJUNUM	
	NERVE, SCIATIC	
	PROSTATE	
	STOMACH, GLAN	
	SPLEEN	
	PARATHYROIDS	
	FEMUR	
	DUODENUM	
	HEART	
	LAC. GLAND EXOR	
	LARYNX	
	PHARYNX	
	SPINAL CORD	
	SKIN	
	THYROID GLANDS	
	PEYER'S PATCHES	
	STERNUM	
	BRAIN	
	EPIDIDYIMIDES	
	LAC. GLAND EXOR	
	PANCREAS	
	RECTUM	
	STOMACH, NON	
	SEMINAL VESICLES	
	TONGUE	

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SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90163 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

LYMPH NODE, MAND: DISCOLORATION, DARK RED
THYMUS: AREA(S), DARK RED

<====>LYMPH NODE, MAND: HEMORRHAGE
<====>THYMUS: HEMORRHAGE

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M		TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)		PAGE 19	
SPONSOR:E.I. DUPONT		A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY			
SPONSOR NO.:DUPONT-24447		INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS			
ANIMAL NO.	90166	GROUP 1:	0 MG/KG/DAY	MALE	SCHEDULED EUTH 01/07/08
				DATE OF DEATH: 01/07/08	STUDY DAY: 28
				GRADE	
ORGAN WEIGHT	ABS.(G)	REL.	ADRENAL MEDULLA	MICRO: NOT PRESENT FOR EXAMINATION	
LIVER	12.00	3.261		NOT IN PLANE OF SECTION; RECUT MADE AND EXAMINED	
BRAIN	2.14	0.582	KIDNEYS	MICRO: INFLAMMATION, CHRONIC	1
KIDNEYS	3.05	0.829		INTERSTITIAL, MULTIFOCAL	
SPLEEN	0.72	0.196		BASOPHILIC TUBULES	1
HEART	1.38	0.375		FOCAL	
EPIDIDYIMIDES	1.07	0.291		REGENERATION, RENAL TUBULAR	1
TESTES	3.15	0.856		MULTIFOCAL	
THYMUS	0.6185	0.168	LAC. GLAND EXOR	MICRO: INFILTRATE, LYMPHOCYTE	1
ADRENAL GLANDS	0.0704	0.019		MULTIFOCAL	
FINAL BODY WT(G)	368.		LUNGS	MICRO: MINERALIZATION, VASCULAR	1
				INTIMAL, FOCAL	
			STOMACH, GLAN	MICRO: DILATATION, GLANDULAR	1
				MULTIFOCAL	
			PARATHYROIDS	MICRO: NOT PRESENT FOR EXAMINATION	
				NOT IN PLANE OF SECTION	
			TRACHEA	MICRO: DILATATION, DUCTULAR	2
				MULTIFOCAL	
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
				NASAL CAVITY, MULTIFOCAL	
				CORPORA AMYLACEA	1
				OLFACTORY EPITHELIUM, MULTIFOCAL	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90166 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

NO SIGNIFICANT
CHANGES OBSERVED GROSS:ADRENAL GLANDS AORTA STERNUM FEMUR
BRAIN CECUM COLON DUODENUM
EPIDIDYMIDES ESOPHAGUS EYES/OPTIC N. HEART
ILEUM JEJUNUM KIDNEYS LYMPH NODE, MAND
LAC. GLAND EXOR LIVER LYMPH NODE, MES LUNGS
LARYNX NERVE, SCIATIC NASAL CAVITY PANCREAS
PHARYNX PITUITARY PROSTATE RECTUM
SPINAL CORD SAL. GLAND MAND STOMACH SKELETAL MUSCLE
SKIN SPLEEN SEMINAL VESICLES TESTES
THYROID GLANDS THYMUS TONGUE TRACHEA
URINARY BLADDER PEYER'S PATCHES
MICRO:ADRENAL CORTEX AORTA STERNUM MARROW, STERN
FEMUR MARROW, FEMUR BRAIN CECUM
COLON DUODENUM EPIDIDYMIDES ESOPHAGUS
EYES/OPTIC N. HEART ILEUM JEJUNUM
LYMPH NODE, MAND LIVER LYMPH NODE, MES LARYNX
NERVE, SCIATIC PANCREAS PHARYNX PITUITARY
PROSTATE RECTUM SPINAL CORD SAL. GLAND MAND
STOMACH, NON SKELETAL MUSCLE SKIN SPLEEN
SEMINAL VESICLES TESTES THYROID GLANDS THYMUS
TONGUE URINARY BLADDER NASAL LEVEL I PEYER'S PATCHES

NOT PRESENT FOR EXAMINATION

MICRO:ADRENAL MEDULLA PARATHYROID

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90173	GROUP	1:	0 MG/KG/DAY	MALE	SCHEDULED EUTH	01/07/08	DATE OF DEATH: 01/07/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.			EPIDIDYIMIDES	MICRO: INFILTRATE, LYMPHOCYTE				1
LIVER	9.48	2.935				FOCAL				
BRAIN	2.03	0.628			KIDNEYS	GROSS: AREA(S), DEPRESSED				P
KIDNEYS	2.92	0.904				ONE, 9 X 2 X 1 MM, IN CORTEX, LEFT				
SPLEEN	0.59	0.183			KIDNEYS	MICRO: FIBROSIS, CORTICAL				2
HEART	1.26	0.390				SUBCAPSULAR, FOCAL				
EPIDIDYIMIDES	0.96	0.297				INFLAMMATION, CHRONIC				1
TESTES	3.62	1.121				INTERSTITIAL, MULTIFOCAL				
THYMUS	0.3810	0.118				BASOPHILIC TUBULES				1
ADRENAL GLANDS	0.0534	0.017				FOCAL				
FINAL BODY WT(G)	323.					REGENERATION, RENAL TUBULAR				1
						FOCAL				
					LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
						MULTIFOCAL				
					LARYNX	MICRO: INFLAMMATION, SUBACUTE				1
						RESPIRATORY EPITHELIUM, FOCAL				
					PROSTATE	MICRO: INFILTRATE, LYMPHOCYTE				1
						MULTIFOCAL				
					PARATHYROIDES	MICRO: NO SIGNIFICANT CHANGES OBSERVED				
						ONE OF PAIR PRESENT				
					NASAL LEVEL I	MICRO: DEGENERATION				1
						INCISOR; DENTIN INCLUSION, UNILATERAL				

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90173 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR			1
	NASAL CAVITY, MULTIFOCAL			
	CORPORA AMYLACEA			1
	OLFACTORY EPITHELIUM, FOCAL			
NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
	BRAIN	CECUM	COLON	DUODENUM
	EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
	ILEUM	JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR
	LIVER	LYMPH NODE, MES	LUNGS	LARYNX
	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	PHARYNX
	PITUITARY	PROSTATE	RECTUM	SPINAL CORD
	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	SKIN
	SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS
	THYMUS	TONGUE	TRACHEA	URINARY BLADDER
	PEYER'S PATCHES			
	MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
	CECUM	COLON	DUODENUM	ESOPHAGUS
	EYES/OPTIC N.	HEART	ILEUM	JEJUNUM
	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES	LUNGS
	NERVE, SCIATIC	PANCREAS	PHARYNX	PITUITARY
	RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN
	STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN
	SEMINAL VESICLES	TESTES	THYROID GLANDS	PARATHYROID
	THYMUS	TONGUE	TRACHEA	URINARY BLADDER
	PEYER'S PATCHES			

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90173 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

KIDNEYS: AREA(S), DEPRESSED

<====>KIDNEYS: FIBROSIS, CORTICAL

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90118 GROUP 2: 0.3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	10.50	3.312		MULTIFOCAL				
BRAIN	1.96	0.618	NO SIGNIFICANT					
KIDNEYS	2.88	0.909	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.75	0.237		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.51	0.476		EPIDIDYMITIS	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYMITIS	0.95	0.300		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.26	1.028		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.5165	0.163		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0614	0.019		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	317.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90124 GROUP 2: 0.3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	11.27	3.315		MULTIFOCAL				
BRAIN	1.83	0.538	NO SIGNIFICANT					
KIDNEYS	3.29	0.968	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.64	0.188		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.33	0.391		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.12	0.329		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	4.06	1.194		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.4699	0.138		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0621	0.018		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	340.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90127 GROUP 2: 0.3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	10.96	3.186		MULTIFOCAL				
BRAIN	2.02	0.587	NO SIGNIFICANT					
KIDNEYS	3.35	0.974	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.63	0.183		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.45	0.422		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	0.98	0.285		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.32	0.965		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.2744	0.080		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0602	0.018		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	344.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90134 GROUP 2: 0.3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				2
LIVER	10.10	3.015		MULTIFOCAL				
BRAIN	1.91	0.570	NO SIGNIFICANT					
KIDNEYS	2.80	0.836	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.69	0.206		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.50	0.448		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	0.99	0.296		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.65	1.090		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.2940	0.088		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0575	0.017		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	335.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90138 GROUP 2: 0.3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	11.38	3.161		MULTIFOCAL				
BRAIN	2.03	0.564	NO SIGNIFICANT					
KIDNEYS	3.39	0.942	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.63	0.175		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.54	0.428		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.02	0.283		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.13	0.869		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.5140	0.143		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0534	0.015		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	360.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

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WIL-189205

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90144 GROUP 2: 0.3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	11.24	3.325	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	2.07	0.612		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	2.91	0.861		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
SPLEEN	0.62	0.183		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
HEART	1.39	0.411		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
EPIDIDYIMIDES	0.88	0.260		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
TESTES	2.84	0.840		PHARYNX	PITUITARY	PROSTATE	RECTUM
THYMUS	0.6774	0.200		SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
ADRENAL GLANDS	0.0776	0.023		SKIN	SPLEEN	SEMINAL VESICLES	TESTES
FINAL BODY WT(G)	338.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	PEYER'S PATCHES		
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90148 GROUP 2: 0.3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	13.00	3.812	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	2.13	0.625		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	3.17	0.930		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
SPLEEN	0.61	0.179		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
HEART	1.49	0.437		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
EPIDIDYIMIDES	0.95	0.279		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
TESTES	3.22	0.944		PHARYNX	PITUITARY	PROSTATE	RECTUM
THYMUS	0.5066	0.149		SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
ADRENAL GLANDS	0.0571	0.017		SKIN	SPLEEN	SEMINAL VESICLES	TESTES
FINAL BODY WT(G)	341.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	PEYER'S PATCHES		
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES) PAGE 31
SPONSOR:E.I. DUPONT A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
SPONSOR NO.:DUPONT-24447 INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90151 GROUP 2: 0.3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	GROSS: AREA(S), DEPRESSED	P
LIVER	11.77	3.190		FEW, PINPOINT TO 1 MM IN DIAMETER, IN CORTEX, RIGHT	
BRAIN	2.04	0.553	KIDNEYS	MICRO: INFLAMMATION, CHRONIC	1
KIDNEYS	3.83	1.038		INTERSTITIAL, FOCAL	
SPLEEN	0.64	0.173		BASOPHILIC TUBULES	1
HEART	1.56	0.423		FOCAL	
EPIDIDYMIDES	0.94	0.255		FIBROSIS, CORTICAL	2
TESTES	3.10	0.840		SUBCAPSULAR, FOCAL	
THYMUS	0.4808	0.130	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
ADRENAL GLANDS	0.0599	0.016		MULTIFOCAL	
FINAL BODY WT(G)	369.		NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS AORTA STERNUM FEMUR BRAIN CECUM COLON DUODENUM EPIDIDYMIDES ESOPHAGUS EYES/OPTIC N. HEART ILEUM JEJUNUM LYMPH NODE, MAND LAC. GLAND EXOR LIVER LYMPH NODE, MES LUNGS LARYNX NERVE, SCIATIC NASAL CAVITY PANCREAS PHARYNX PITUITARY PROSTATE RECTUM SPINAL CORD SAL. GLAND MAND STOMACH SKELETAL MUSCLE SKIN SPLEEN SEMINAL VESICLES TESTES THYROID GLANDS THYMUS TONGUE TRACHEA URINARY BLADDER PEYER'S PATCHES	

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

KIDNEYS: AREA(S), DEPRESSED

<====>KIDNEYS: FIBROSIS, CORTICAL

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90157 GROUP 2: 0.3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	GENERAL COMMENT	GROSS: ORGAN DAMAGED AT NECROPSY				P
LIVER	9.63	2.841		OPTIC NERVE, RIGHT				
BRAIN	2.08	0.614	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
KIDNEYS	3.21	0.947		MULTIFOCAL				
SPLEEN	0.67	0.198	NO SIGNIFICANT					
HEART	1.40	0.413	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
EPIDIDYMIDES	0.99	0.292		BRAIN	CECUM	COLON	DUODENUM	
TESTES	3.16	0.932		EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
THYMUS	0.4589	0.135		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
ADRENAL GLANDS	0.0782	0.023		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
FINAL BODY WT(G)	339.			LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
				PHARYNX	PITUITARY	PROSTATE	RECTUM	
				SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90167 GROUP 2: 0.3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	12.28	3.355		MULTIFOVAL				
BRAIN	1.96	0.536		VACUOLATION, CYTOPLASMIC				1
KIDNEYS	3.16	0.863		MULTIFOVAL; HEPATOCYTES AND SINUSOIDAL CELLS AFFECTED				
SPLEEN	0.74	0.202	NO SIGNIFICANT					
HEART	1.48	0.404	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
EPIDIDYMIDES	1.01	0.276		BRAIN	CECUM	COLON	DUODENUM	
TESTES	3.63	0.992		EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
THYMUS	0.5667	0.155		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
ADRENAL GLANDS	0.0681	0.019		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
FINAL BODY WT(G)	366.			LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
				PHARYNX	PITUITARY	PROSTATE	RECTUM	
				SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90110 GROUP 3: 3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	13.16	3.676		MULTIFOCAL				
BRAIN	2.05	0.573	NO SIGNIFICANT					
KIDNEYS	3.40	0.950	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.64	0.179		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.40	0.391		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.05	0.293		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.39	0.947		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.5218	0.146		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0627	0.018		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	358.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90121 GROUP 3: 3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	12.96	3.232		MULTIFOCAL				
BRAIN	1.99	0.496	NO SIGNIFICANT					
KIDNEYS	3.21	0.800	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.81	0.202		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.75	0.436		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.04	0.259		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.91	0.975		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.5242	0.131		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0792	0.020		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	401.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90126 GROUP 3: 3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	11.54	3.540	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	2.01	0.617		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	3.23	0.991		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
SPLEEN	0.57	0.175		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
HEART	1.27	0.390		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
EPIDIDYIMIDES	1.05	0.322		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
TESTES	3.29	1.009		PHARYNX	PITUITARY	PROSTATE	RECTUM
THYMUS	0.3427	0.105		SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
ADRENAL GLANDS	0.0603	0.018		SKIN	SPLEEN	SEMINAL VESICLES	TESTES
FINAL BODY WT(G)	326.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	PEYER'S PATCHES		
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90128 GROUP 3: 3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	16.23	4.227		MULTIFOCAL				
BRAIN	1.97	0.513		HYPERTROPHY, HEPATOCELLULAR, CENTRIOBLULAR				1
KIDNEYS	3.72	0.969		MULTIFOCAL				
SPLEEN	0.79	0.206	NO SIGNIFICANT					
HEART	1.64	0.427	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
EPIDIDYMIDES	1.08	0.281		BRAIN	CECUM	COLON	DUODENUM	
TESTES	3.43	0.893		EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
THYMUS	0.6294	0.164		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
ADRENAL GLANDS	0.0702	0.018		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
FINAL BODY WT(G)	384.			LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
				PHARYNX	PITUITARY	PROSTATE	RECTUM	
				SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90141 GROUP 3: 3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	13.25	3.979		MULTIFOCAL				
BRAIN	2.01	0.604	NO SIGNIFICANT					
KIDNEYS	3.06	0.919	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.54	0.162		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.38	0.414		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	0.96	0.288		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.22	0.967		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.4599	0.138		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0659	0.020		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	333.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90146 GROUP 3: 3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	14.11	4.020		MULTIFOCAL				
BRAIN	1.91	0.544		HYPERTROPHY, HEPATOCELLULAR, CENTRIOBULAR				1
KIDNEYS	3.13	0.892		MULTIFOCAL				
SPLEEN	0.74	0.211	NO SIGNIFICANT					
HEART	1.26	0.359	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
EPIDIDYMIDES	1.11	0.316		BRAIN	CECUM	COLON	DUODENUM	
TESTES	3.29	0.937		EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
THYMUS	0.3717	0.106		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
ADRENAL GLANDS	0.0827	0.024		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
FINAL BODY WT(G)	351.			LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
				PHARYNX	PITUITARY	PROSTATE	RECTUM	
				SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90161 GROUP 3: 3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	14.52	3.967		MULTIFOCAL				
BRAIN	2.22	0.607		HYPERTROPHY, HEPATOCELLULAR, CENTRIOBLULAR				1
KIDNEYS	3.52	0.962		MULTIFOCAL				
SPLEEN	0.63	0.172	SPLEEN	GROSS: ACCESSORY				P
HEART	1.40	0.383		ONE, 4 MM IN DIAMETER				
EPIDIDYMIDES	1.06	0.290	NO SIGNIFICANT					
TESTES	3.37	0.921	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
THYMUS	0.5421	0.148		BRAIN	CECUM	COLON	DUODENUM	
ADRENAL GLANDS	0.0561	0.015		EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
FINAL BODY WT(G)	366.			ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
				LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
				PHARYNX	PITUITARY	PROSTATE	RECTUM	
				SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SEMINAL VESICLES	TESTES	THYROID GLANDS	
				THYMUS	TONGUE	TRACHEA	URINARY BLADDER	
				PEYER'S PATCHES				

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90165	GROUP	3:	3 MG/KG/DAY	MALE	SCHEDULED EUTH	01/07/08	DATE OF DEATH: 01/07/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.			KIDNEYS	GROSS: CYST(S)				P
LIVER	16.12	3.970				TWO, 1 AND 2 MM IN DIAMETER, IN CORTEX, LEFT				
BRAIN	2.09	0.515			KIDNEYS	GROSS: AREA(S), DEPRESSED				P
KIDNEYS	3.76	0.926				FEW, 1 TO 5 MM IN DIAMETER, IN CORTEX, BILATERAL				
SPLEEN	0.81	0.200			KIDNEYS	MICRO: INFLAMMATION, CHRONIC				1
HEART	1.84	0.453				INTERSTITIAL, MULTIFOCAL				
EPIDIDYMIDES	0.97	0.239				BASOPHILIC TUBULES				1
TESTES	2.93	0.722				FOCAL				
THYMUS	0.5620	0.138				REGENERATION, RENAL TUBULAR				1
ADRENAL GLANDS	0.0819	0.020				FOCAL				
FINAL BODY WT(G)	406.					CYST, CORTICAL				P
						FIBROSIS, CORTICAL				1
						SUBCAPSULAR, FOCAL				
					LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
						MULTIFOCAL				
						HYPERTROPHY, HEPATOCELLULAR, CENTRIOBULAR				1
						MULTIFOCAL				
					ADIPOSE TISSUE	GROSS: NODULE(S)				P
						ONE, 7 X 5 X 1 MM, ADJACENT TO LEFT TESTIS				
					ADIPOSE TISSUE	MICRO: NECROSIS, FAT				2
						FOCAL				
					NO SIGNIFICANT					
					CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
						BRAIN	CECUM	COLON	DUODENUM	
						EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90165 GROUP 3: 3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ILEUM	JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR
LIVER	LYMPH NODE, MES	LUNGS	LARYNX
NERVE, SCIATIC	NASAL CAVITY	PANCREAS	PHARYNX
PITUITARY	PROSTATE	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	SKIN
SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS
THYMUS	TONGUE	TRACHEA	URINARY BLADDER
PEYER'S PATCHES			
GROSS/MICRO CORRELATIONS			
GROSS FINDING			
<====> CONFIRMING MICROSCOPIC FINDING			

ADIPOSE TISSUE: NODULE(S)			
<====>ADIPOSE TISSUE: NECROSIS, FAT			
KIDNEYS: CYST(S)			
<====>KIDNEYS: CYST, CORTICAL			
KIDNEYS: AREA(S), DEPRESSED			
<====>KIDNEYS: FIBROSIS, CORTICAL			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES) PAGE 43
SPONSOR:E.I. DUPONT A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
SPONSOR NO.:DUPONT-24447 INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90170 GROUP 3: 3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	EPIDIDYIMIDES	GROSS: AREA(S), YELLOW	P
LIVER	13.18	3.744		ONE, 5 MM IN DIAMETER, CAUDA, LEFT	
BRAIN	2.04	0.580	EPIDIDYIMIDES	MICRO: INFLAMMATION, SUBACUTE	2
KIDNEYS	3.32	0.943		MULTIFOCAL	
SPLEEN	0.88	0.250		GRANULOMA, SPERM	P
HEART	1.41	0.401		FOCAL	
EPIDIDYIMIDES	1.22	0.347	JEJUNUM	GROSS: DIVERTICULUM	P
TESTES	3.79	1.077		ONE, 5 X 2 X 2 MM	
THYMUS	0.4897	0.139	JEJUNUM	MICRO: DIVERTICULUM	P
ADRENAL GLANDS	0.0717	0.020	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
FINAL BODY WT(G)	352.			MULTIFOCAL	
			NO SIGNIFICANT		
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA
				BRAIN	CECUM
				ESOPHAGUS	EYES/OPTIC N.
				KIDNEYS	LYMPH NODE, MAND
				LYMPH NODE, MES	LUNGS
				NASAL CAVITY	PANCREAS
				PROSTATE	RECTUM
				STOMACH	SKELETAL MUSCLE
				SEMINAL VESICLES	TESTES
				TONGUE	TRACHEA
					STERNUM
					COLON
					HEART
					LAC. GLAND EXOR
					LARYNX
					PHARYNX
					SPINAL CORD
					SKIN
					THYROID GLANDS
					URINARY BLADDER
					FEMUR
					DUODENUM
					ILEUM
					LIVER
					NERVE, SCIATIC
					PITUITARY
					SAL. GLAND MAND
					SPLEEN
					THYMUS
					PEYER'S PATCHES
GROSS/MICRO CORRELATIONS					
GROSS FINDING				<====> CONFIRMING MICROSCOPIC FINDING	
EPIDIDYIMIDES: AREA(S), YELLOW				<====>EPIDIDYIMIDES: GRANULOMA, SPERM	
JEJUNUM: DIVERTICULUM				<====>JEJUNUM: DIVERTICULUM	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90174 GROUP 3: 3 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	12.46	3.580	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	1.97	0.566		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	3.28	0.943		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
SPLEEN	0.51	0.147		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
HEART	1.35	0.388		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
EPIDIDYIMIDES	0.88	0.253		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
TESTES	3.07	0.882		PHARYNX	PITUITARY	PROSTATE	RECTUM
THYMUS	0.4263	0.122		SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
ADRENAL GLANDS	0.0600	0.017		SKIN	SPLEEN	SEMINAL VESICLES	TESTES
FINAL BODY WT(G)	348.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	PEYER'S PATCHES		

MICRO:LIVER

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90119 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	ADRENAL MEDULLA	MICRO: NO SIGNIFICANT CHANGES OBSERVED	
LIVER	16.28	4.547		NOT IN PLANE OF SECTION; RE CUT MADE AND EXAMINED	
BRAIN	2.04	0.570	EPIDIDYIMIDES	GROSS: AREA(S), YELLOW	P
KIDNEYS	3.40	0.950		TWO, 5 AND 6 MM IN DIAMETER, CAUDA, LEFT	
SPLEEN	0.71	0.198	EPIDIDYIMIDES	MICRO: GRANULOMA, SPERM	P
HEART	1.34	0.374	EYES/OPTIC N.	MICRO: INFLAMMATION, SUBACUTE	2
EPIDIDYIMIDES	1.17	0.327		SUBCONJUNCTIVAL, FOCAL	
TESTES	3.73	1.042	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
THYMUS	0.5298	0.148		MULTIFOVAL	
ADRENAL GLANDS	0.0617	0.017		NECROSIS, HEPATOCELLULAR	1
FINAL BODY WT(G)	358.			FOCAL	
			STOMACH, GLAN	MICRO: DILATATION, GLANDULAR	1
				MULTIFOVAL	
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
				NASAL CAVITY, MULTIFOVAL	
				CORPORA AMYLACEA	1
				OLFACTORY EPITHELIUM, MULTIFOVAL	
			NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
				AORTA	STERNUM
				BRAIN	COLON
				ESOPHAGUS	HEART
				JEJUNUM	LYMPH NODE, MAND
				LIVER	LUNGS
				NERVE, SCIATIC	PANCREAS
				PITUITARY	RECTUM
					FEMUR
					DUODENUM
					ILEUM
					LAC. GLAND EXOR
					LARYNX
					PHARYNX
					SPINAL CORD

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90119 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	SKIN
SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS
THYMUS	TONGUE	TRACHEA	URINARY BLADDER
PEYER'S PATCHES			
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	ESOPHAGUS
HEART	ILEUM	JEJUNUM	KIDNEYS
LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES	LUNGS
LARYNX	NERVE, SCIATIC	PANCREAS	PHARYNX
PITUITARY	PROSTATE	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH, NON	SKELETAL MUSCLE	SKIN
SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS
PARATHYROIDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	NASAL LEVEL I	PEYER'S PATCHES	

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

EPIDIDYMIDES: AREA(S), YELLOW

<====>EPIDIDYMIDES: GRANULOMA, SPERM

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M		TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)		PAGE 47	
SPONSOR:E.I. DUPONT		A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY			
SPONSOR NO.:DUPONT-24447		INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS			
ANIMAL NO.	90130	GROUP 4:	30 MG/KG/DAY	MALE	SCHEDULED EUTH 01/07/08
					DATE OF DEATH: 01/07/08
					STUDY DAY: 28
					GRADE
ORGAN WEIGHT	ABS.(G)	REL.	HEART	MICRO: INFLAMMATION, CHRONIC	1
LIVER	17.65	5.014		INTERSTITIAL, MULTIFOCAL	
BRAIN	2.01	0.571	KIDNEYS	MICRO: BASOPHILIC TUBULES	1
KIDNEYS	3.39	0.963		FOCAL	
SPLEEN	0.70	0.199	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
HEART	1.22	0.347		MULTIFOCAL	
EPIDIDYIMIDES	1.14	0.324		HYPERTROPHY, HEPATOCELLULAR, CENTRIOBULAR	1
TESTES	3.59	1.020		MULTIFOCAL	
THYMUS	0.4487	0.127	LARYNX	MICRO: DILATATION, DUCTULAR	2
ADRENAL GLANDS	0.0678	0.019		SUBMUCOSA, MULTIFOCAL	
FINAL BODY WT(G)	352.		PHARYNX	MICRO: NOT PRESENT FOR EXAMINATION	
				NOT IN PLANE OF SECTION; RECUT MADE AND EXAMINED	
				PROSTATE	2
				MICRO: INFILTRATE, LYMPHOCYTE	
				MULTIFOCAL	
				PARATHYROIDS	
				MICRO: NOT PRESENT FOR EXAMINATION	
				NOT IN PLANE OF SECTION	
				THYMUS	1
				MICRO: HEMORRHAGE	
				NASAL LEVEL III	1
				MICRO: LUMINAL DEBRIS, CELLULAR	
				NASAL CAVITY, MULTIFOCAL	
				CORPORA AMYLACEA	1
				OLFACTORY EPITHELIUM, MULTIFOCAL	
				NO SIGNIFICANT	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90130 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
	BRAIN	CECUM	COLON	DUODENUM
	EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
	ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
	LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
	LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
	PHARYNX	PITUITARY	PROSTATE	RECTUM
	SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
	SKIN	SPLEEN	SEMINAL VESICLES	TESTES
	THYROID GLANDS	THYMUS	TONGUE	TRACHEA
	URINARY BLADDER	PEYER'S PATCHES		
	MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
	CECUM	COLON	DUODENUM	EPIDIDYIMIDES
	ESOPHAGUS	EYES/OPTIC N.	ILEUM	JEJUNUM
	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES	LUNGS
	NERVE, SCIATIC	PANCREAS	PITUITARY	RECTUM
	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON
	SKELETAL MUSCLE	SKIN	SPLEEN	SEMINAL VESICLES
	TESTES	THYROID GLANDS	TONGUE	TRACHEA
	URINARY BLADDER	NASAL LEVEL I	PEYER'S PATCHES	

NOT PRESENT FOR EXAMINATION

MICRO:PHARYNX PARATHYROIDES

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90131	GROUP	4:	30 MG/KG/DAY	MALE	SCHEDULED EUTH	01/07/08	DATE OF DEATH: 01/07/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.								
LIVER	15.08	4.570			KIDNEYS	MICRO: INFLAMMATION, CHRONIC				1
BRAIN	2.13	0.645			LIVER	INTERSTITIAL, FOCAL				
KIDNEYS	3.32	1.006				MICRO: INFILTRATE, MONONUCLEAR				1
SPLEEN	0.81	0.245				MULTIFOCAL				
HEART	1.36	0.412			THYROID GLANDS	MICRO: CYST, ULTIMOBRANCHIAL				P
EPIDIDYIMIDES	1.12	0.339			PARATHYROID	MICRO: NO SIGNIFICANT CHANGES OBSERVED				
TESTES	3.71	1.124				ONE OF PAIR PRESENT				
THYMUS	0.5905	0.179			TRACHEA	MICRO: DILATATION, DUCTULAR				2
ADRENAL GLANDS	0.0720	0.022				MULTIFOCAL				
FINAL BODY WT(G)	330.				NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR				1
						NASAL CAVITY, MULTIFOCAL				
						CORPORA AMYLACEA				1
						OLFACTORY EPITHELIUM, MULTIFOCAL				
					NO SIGNIFICANT					
					CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
						BRAIN	CECUM	COLON	DUODENUM	
						EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
						ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
						LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
						LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
						PHARYNX	PITUITARY	PROSTATE	RECTUM	
						SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
						SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
						THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
						URINARY BLADDER	PEYER'S PATCHES			
						MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90131 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	EPIDIDYIMIDES
ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES
LUNGS	LARYNX	NERVE, SCIATIC	PANCREAS
PHARYNX	PITUITARY	PROSTATE	RECTUM
SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON
SKELETAL MUSCLE	SKIN	SPLEEN	SEMINAL VESICLES
TESTES	PARATHYROIDS	THYMUS	TONGUE
URINARY BLADDER	NASAL LEVEL I	PEYER'S PATCHES	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90132	GROUP	4:	30 MG/KG/DAY	MALE	SCHEDULED EUTH	01/07/08	DATE OF DEATH: 01/07/08	STUDY DAY: 28
									GRADE
ORGAN WEIGHT	ABS.(G)	REL.			EYES/OPTIC N.		MICRO: INFLAMMATION, SUBACUTE		1
LIVER	20.79	5.890					SUBCONJUNCTIVAL, FOCAL		
BRAIN	1.85	0.524			KIDNEYS		MICRO: INFLAMMATION, CHRONIC		1
KIDNEYS	3.66	1.037					INTERSTITIAL, MULTIFOCAL		
SPLEEN	0.71	0.201			LIVER		MICRO: INFILTRATE, MONONUCLEAR		1
HEART	1.28	0.363					MULTIFOCAL		
EPIDIDYMIDES	0.98	0.278					NECROSIS, HEPATOCELLULAR		1
TESTES	3.42	0.969					FOCAL		
THYMUS	0.5574	0.158					HYPERTROPHY, HEPATOCELLULAR, CENTRIOBULAR		2
ADRENAL GLANDS	0.0495	0.014					MULTIFOCAL		
FINAL BODY WT(G)	353.						NECROSIS, SINGLE CELL		2
							HEPATOCYTE, MULTIFOCAL		
					PROSTATE		MICRO: INFLAMMATION, SUBACUTE		1
							FOCAL		
					STOMACH, GLAN		MICRO: MINERALIZATION, MUCOSAL		1
							FOCAL		
					NASAL LEVEL I		MICRO: DEGENERATION		1
							INCISOR; DENTIN INCLUSION, UNILATERAL		
					NASAL LEVEL III		MICRO: LUMINAL DEBRIS, CELLULAR		1
							NASAL CAVITY, MULTIFOCAL		
							CORPORA AMYLACEA		1
							OLFACTORY EPITHELIUM, MULTIFOCAL		

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90132 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

NO SIGNIFICANT
CHANGES OBSERVED GROSS:ADRENAL GLANDS AORTA STERNUM FEMUR
BRAIN CECUM COLON DUODENUM
EPIDIDYIMIDES ESOPHAGUS EYES/OPTIC N. HEART
ILEUM JEJUNUM KIDNEYS LYMPH NODE, MAND
LAC. GLAND EXOR LIVER LYMPH NODE, MES LUNGS
LARYNX NERVE, SCIATIC NASAL CAVITY PANCREAS
PHARYNX PITUITARY PROSTATE RECTUM
SPINAL CORD SAL. GLAND MAND STOMACH SKELETAL MUSCLE
SKIN SPLEEN SEMINAL VESICLES TESTES
THYROID GLANDS THYMUS TONGUE TRACHEA
URINARY BLADDER PEYER'S PATCHES
MICRO:ADRENAL CORTEX ADRENAL MEDULLA AORTA STERNUM
MARROW, STERN FEMUR MARROW, FEMUR BRAIN
CECUM COLON DUODENUM EPIDIDYIMIDES
ESOPHAGUS HEART ILEUM JEJUNUM
LYMPH NODE, MAND LAC. GLAND EXOR LYMPH NODE, MES LUNGS
LARYNX NERVE, SCIATIC PANCREAS PHARYNX
PITUITARY RECTUM SPINAL CORD SAL. GLAND MAND
STOMACH, NON SKELETAL MUSCLE SKIN SPLEEN
SEMINAL VESICLES TESTES THYROID GLANDS PARATHYROIDES
THYMUS TONGUE TRACHEA URINARY BLADDER
PEYER'S PATCHES

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90135 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	MICRO: INFLAMMATION, CHRONIC	1
LIVER	17.62	4.881		INTERSTITIAL, FOCAL	
BRAIN	2.17	0.601	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
KIDNEYS	3.65	1.011		MULTIFOCAL	
SPLEEN	0.83	0.230		NECROSIS, HEPATOCELLULAR	1
HEART	1.48	0.410		FOCAL	
EPIDIDYMIDES	1.13	0.313		HYPERTROPHY, HEPATOCELLULAR, CENTRIOBULAR	1
TESTES	3.48	0.964		MULTIFOCAL	
THYMUS	0.5367	0.149	PROSTATE	MICRO: INFILTRATE, LYMPHOCYTE	1
ADRENAL GLANDS	0.0816	0.023		FOCAL	
FINAL BODY WT(G)	361.		THYMUS	MICRO: HEMORRHAGE	1
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	2
				NASAL CAVITY, MULTIFOCAL	
				CORPORA AMYLACEA	1
				OLFACTORY EPITHELIUM, FOCAL	
			NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
				BRAIN	
				EPIDIDYMIDES	
				ILEUM	
				LAC. GLAND EXOR	
				LARYNX	
				PHARYNX	
				SPINAL CORD	
				SKIN	
				AORTA	
				CECUM	
				ESOPHAGUS	
				JEJUNUM	
				LIVER	
				NERVE, SCIATIC	
				PITUITARY	
				SAL. GLAND MAND	
				SPLEEN	
				STERNUM	
				COLON	
				EYES/OPTIC N.	
				KIDNEYS	
				LYMPH NODE, MES	
				NASAL CAVITY	
				PROSTATE	
				STOMACH	
				SEMINAL VESICLES	
				FEMUR	
				DUODENUM	
				HEART	
				LYMPH NODE, MAND	
				LUNGS	
				PANCREAS	
				RECTUM	
				SKELETAL MUSCLE	
				TESTES	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90135 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

THYROID GLANDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	PEYER'S PATCHES		
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	EPIDIDYMITIS
ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES
LUNGS	LARYNX	NERVE, SCIATIC	PANCREAS
PHARYNX	PITUITARY	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON	SKELETAL MUSCLE
SKIN	SPLEEN	SEMINAL VESICLES	TESTES
THYROID GLANDS	PARATHYROID	TONGUE	TRACHEA
URINARY BLADDER	NASAL LEVEL I	PEYER'S PATCHES	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90136 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	EYES/OPTIC N.	MICRO: NO SIGNIFICANT CHANGES OBSERVED	
LIVER	18.88	5.103		ONE OF PAIR PRESENT; ONE LOST AT PROCESSING	
BRAIN	2.05	0.554	KIDNEYS	MICRO: MINERALIZATION	1
KIDNEYS	3.77	1.019		FOCAL	
SPLEEN	0.83	0.224	LYMPH NODE, MAND	GROSS: DISCOLORATION, DARK RED	P
HEART	1.45	0.392		BILATERAL	
EPIDIDYIMIDES	1.01	0.273	LYMPH NODE, MAND	MICRO: HEMORRHAGE	1
TESTES	3.68	0.995	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
THYMUS	0.6395	0.173		MULTIFOVAL	
ADRENAL GLANDS	0.0605	0.016		HYPERTROPHY, HEPATOCELLULAR, CENTRIOBULAR	1
FINAL BODY WT(G)	370.			MULTIFOVAL	
			LUNGS	MICRO: MINERALIZATION, VASCULAR	1
				INTIMAL, FOCAL	
			PROSTATE	MICRO: INFILTRATE, LYMPHOCYTE	1
				MULTIFOVAL	
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
				NASAL CAVITY, MULTIFOVAL	
				CORPORA AMYLACEA	1
				OLFACTORY EPITHELIUM, MULTIFOVAL	
			NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
				BRAIN	AORTA
				EPIDIDYIMIDES	CECUM
				ILEUM	ESOPHAGUS
					JEJUNUM
					STERNUM
					COLON
					EYES/OPTIC N.
					KIDNEYS
					FEMUR
					DUODENUM
					HEART
					LAC. GLAND EXOR

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90136 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

	LIVER	LYMPH NODE, MES	LUNGS	LARYNX
	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	PHARYNX
	PITUITARY	PROSTATE	RECTUM	SPINAL CORD
	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	SKIN
	SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS
	THYMUS	TONGUE	TRACHEA	URINARY BLADDER
	PEYER'S PATCHES			
MICRO:	ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
	CECUM	COLON	DUODENUM	EPIDIDYMITES
	ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
	JEJUNUM	LAC. GLAND EXOR	LYMPH NODE, MES	LARYNX
	NERVE, SCIATIC	PANCREAS	PHARYNX	PITUITARY
	RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN
	STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN
	SEMINAL VESICLES	TESTES	THYROID GLANDS	PARATHYROID
	THYMUS	TONGUE	TRACHEA	URINARY BLADDER
	NASAL LEVEL I	PEYER'S PATCHES		
GROSS/MICRO CORRELATIONS	<====> CONFIRMING MICROSCOPIC FINDING			
GROSS FINDING				
LYMPH NODE, MAND: DISCOLORATION, DARK RED	<====>LYMPH NODE, MAND: HEMORRHAGE			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90142 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	HEART	MICRO: INFLAMMATION, CHRONIC	1
LIVER	18.52	4.874		EPICARDIAL, FOCAL	
BRAIN	2.09	0.550	KIDNEYS	MICRO: INFLAMMATION, CHRONIC	1
KIDNEYS	3.62	0.953		INTERSTITIAL, FOCAL	
SPLEEN	0.63	0.166	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
HEART	1.41	0.371		MULTIFOVAL	
EPIDIDYMIDES	1.11	0.292		HYPERTROPHY, HEPATOCELLULAR, CENTRIOBULAR	1
TESTES	3.85	1.013		MULTIFOVAL	
THYMUS	0.6944	0.183	LUNGS	MICRO: MINERALIZATION, VASCULAR	1
ADRENAL GLANDS	0.0701	0.018		INTIMAL, FOCAL	
FINAL BODY WT(G)	380.		THYMUS	MICRO: HEMORRHAGE	1
			NASAL LEVEL I	MICRO: DEGENERATION	1
				INCISOR; DENTIN INCLUSION, UNILATERAL	
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
				NASAL CAVITY, MULTIFOVAL	
				CORPORA AMYLACEA	1
				OLFACTORY EPITHELIUM, MULTIFOVAL	
			NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS AORTA STERNUM FEMUR	
				BRAIN CECUM COLON DUODENUM	
				EPIDIDYMIDES ESOPHAGUS EYES/OPTIC N. HEART	
				ILEUM JEJUNUM KIDNEYS LYMPH NODE, MAND	
				LAC. GLAND EXOR LIVER LYMPH NODE, MES LUNGS	
				LARYNX NERVE, SCIATIC NASAL CAVITY PANCREAS	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90142 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

PHARYNX	PITUITARY	PROSTATE	RECTUM
SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
SKIN	SPLEEN	SEMINAL VESICLES	TESTES
THYROID GLANDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	PEYER'S PATCHES		
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	EPIDIDYMITES
ESOPHAGUS	EYES/OPTIC N.	ILEUM	JEJUNUM
LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES	LARYNX
NERVE, SCIATIC	PANCREAS	PHARYNX	PITUITARY
PROSTATE	RECTUM	SPINAL CORD	SAL. GLAND MAND
STOMACH, GLAN	STOMACH, NON	SKELETAL MUSCLE	SKIN
SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS
PARATHYROIDES	TONGUE	TRACHEA	URINARY BLADDER
PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M		TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)				PAGE 59	
SPONSOR:E.I. DUPONT		A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY					
SPONSOR NO.:DUPONT-24447		INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS					
ANIMAL NO.	90143	GROUP	4:	30 MG/KG/DAY	MALE	SCHEDULED EUTH	01/07/08
						DATE OF DEATH:	01/07/08
						STUDY DAY:	28
						GRADE	
ORGAN WEIGHT	ABS.(G)	REL.	EPIDIDYIMIDES	MICRO: INFILTRATE, LYMPHOCYTE			1
LIVER	18.02	5.269		FOCAL			
BRAIN	1.90	0.556	EYES/OPTIC N.	MICRO: INFLAMMATION, SUBACUTE			2
KIDNEYS	3.66	1.070		SUBCONJUNCTIVAL, MULTIFOCAL			
SPLEEN	0.59	0.173	KIDNEYS	MICRO: INFLAMMATION, CHRONIC			1
HEART	1.42	0.415		INTERSTITIAL, FOCAL			
EPIDIDYIMIDES	0.93	0.272		BASOPHILIC TUBULES			1
TESTES	3.08	0.901		FOCAL			
THYMUS	0.3807	0.111	LIVER	MICRO: INFILTRATE, MONONUCLEAR			1
ADRENAL GLANDS	0.0662	0.019		MULTIFOCAL			
FINAL BODY WT(G)	342.			HYPERTROPHY, HEPATOCELLULAR, CENTRIOBULAR			1
				MULTIFOCAL			
				PITUITARY			P
				MICRO: CYST, RATHKE'S CLEFT			
				MICRO: NOT PRESENT FOR EXAMINATION			
				NOT IN PLANE OF SECTION			
				NASAL LEVEL III			1
				MICRO: LUMINAL DEBRIS, CELLULAR			
				NASAL CAVITY, MULTIFOCAL			
				CORPORA AMYLACEA			1
				OLFACTORY EPITHELIUM, FOCAL			
NO SIGNIFICANT				GROSS:ADRENAL GLANDS			
CHANGES OBSERVED				BRAIN			
				EPIDIDYIMIDES			
				AORTA			
				CECUM			
				ESOPHAGUS			
				STERNUM			
				COLON			
				EYES/OPTIC N.			
				FEMUR			
				DUODENUM			
				HEART			

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90143 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
PHARYNX	PITUITARY	PROSTATE	RECTUM
SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
SKIN	SPLEEN	SEMINAL VESICLES	TESTES
THYROID GLANDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	PEYER'S PATCHES		
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	ESOPHAGUS
HEART	ILEUM	JEJUNUM	LYMPH NODE, MAND
LAC. GLAND EXOR	LYMPH NODE, MES	LUNGS	LARYNX
NERVE, SCIATIC	PANCREAS	PHARYNX	PROSTATE
RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN
STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN
SEMINAL VESICLES	TESTES	THYROID GLANDS	THYMUS
TONGUE	TRACHEA	URINARY BLADDER	NASAL LEVEL I
PEYER'S PATCHES			

NOT PRESENT FOR EXAMINATION

MICRO:PARATHYROIDS

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

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ORGAN WEIGHT	ABS. (G)	REL.	KIDNEYS	MICRO: INFLAMMATION, CHRONIC				1
LIVER	17.87	5.195		INTERSTITIAL, FOCAL				
BRAIN	2.03	0.590		BASOPHILIC TUBULES				1
KIDNEYS	4.04	1.174		MULTIFOCAL				
SPLEEN	0.78	0.227		REGENERATION, RENAL TUBULAR				1
HEART	1.74	0.506		FOCAL				
EPIDIDYMIDES	1.05	0.305	LAC. GLAND EXOR	MICRO: INFILTRATE, LYMPHOCYTE				1
TESTES	3.71	1.078		MULTIFOCAL				
THYMUS	0.5896	0.171	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
ADRENAL GLANDS	0.0572	0.017		MULTIFOCAL				
FINAL BODY WT(G)	344.			HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR				1
				MULTIFOCAL				
			PARATHYROIDES	MICRO: NO SIGNIFICANT CHANGES OBSERVED				
				ONE OF PAIR PRESENT				
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR				1
				NASAL CAVITY, MULTIFOCAL				
				CORPORA AMYLACEA				1
				OLFACTORY EPITHELIUM, MULTIFOCAL				
			NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
				BRAIN	CECUM	COLON	DUODENUM	
				EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90162 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
PHARYNX	PITUITARY	PROSTATE	RECTUM
SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
SKIN	SPLEEN	SEMINAL VESICLES	TESTES
THYROID GLANDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	PEYER'S PATCHES		
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	EPIDIDYIMIDES
ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
JEJUNUM	LYMPH NODE, MAND	LYMPH NODE, MES	LUNGS
LARYNX	NERVE, SCIATIC	PANCREAS	PHARYNX
PITUITARY	PROSTATE	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON	SKELETAL MUSCLE
SKIN	SPLEEN	SEMINAL VESICLES	TESTES
THYROID GLANDS	PARATHYROID	THYMUS	TONGUE
TRACHEA	URINARY BLADDER	NASAL LEVEL I	PEYER'S PATCHES

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90171	GROUP	4:	30 MG/KG/DAY	MALE	SCHEDULED EUTH	01/07/08	DATE OF DEATH: 01/07/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.	GENERAL COMMENT	GROSS: ORGAN DAMAGED AT NECROPSY						P
LIVER	14.73	4.410		OPTIC NERVE, RIGHT						
BRAIN	2.06	0.617	EPIDIDYMIDES	MICRO: INFILTRATE, LYMPHOCYTE						1
KIDNEYS	3.42	1.024		MULTIFOCAL						
SPLEEN	0.77	0.231	HEART	MICRO: INFLAMMATION, CHRONIC						2
HEART	1.23	0.368		INTERSTITIAL, FOCAL						
EPIDIDYMIDES	0.89	0.266	KIDNEYS	MICRO: INFLAMMATION, CHRONIC						1
TESTES	3.00	0.898		INTERSTITIAL, FOCAL						
THYMUS	0.5325	0.159		BASOPHILIC TUBULES						1
ADRENAL GLANDS	0.0505	0.015		FOCAL						
FINAL BODY WT(G)	334.		LAC. GLAND EXOR	MICRO: INFILTRATE, LYMPHOCYTE						1
				FOCAL						
			LIVER	MICRO: INFILTRATE, MONONUCLEAR						1
				MULTIFOCAL						
			LUNGS	MICRO: INFLAMMATION, CHRONIC						1
				SUBPLEURAL, FOCAL						
			LARYNX	MICRO: DILATATION, DUCTULAR						3
				SUBMUCOSA, MULTIFOCAL						
			PHARYNX	MICRO: NOT PRESENT FOR EXAMINATION						
				NOT IN PLANE OF SECTION; RECUT MADE AND EXAMINED						
			SKELETAL MUSCLE	MICRO: INFILTRATE, LYMPHOCYTE						1
				FOCAL						

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A43 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90171 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 01/07/08 DATE OF DEATH: 01/07/08 STUDY DAY: 28
GRADE

THYROID GLANDS	MICRO: CYST, ULTIMOBRANCHIAL	P
NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
	NASAL CAVITY, MULTIFOCAL	
	CORPORA AMYLACEA	1
	OLFACTORY EPITHELIUM, FOCAL	
NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
	BRAIN	
	EPIDIDYIMIDES	
	ILEUM	
	LAC. GLAND EXOR	
	LARYNX	
	PHARYNX	
	SPINAL CORD	
	SKIN	
	THYROID GLANDS	
	URINARY BLADDER	
	MICRO:ADRENAL CORTEX	
	MARROW, STERN	
	CECUM	
	EYES/OPTIC N.	
	LYMPH NODE, MES	
	PROSTATE	
	STOMACH, GLAN	
	SEMINAL VESICLES	
	TONGUE	
	PEYER'S PATCHES	
	AORTA	
	CECUM	
	ESOPHAGUS	
	JEJUNUM	
	LIVER	
	NERVE, SCIATIC	
	PITUITARY	
	SAL. GLAND MAND	
	SPLEEN	
	THYMUS	
	PEYER'S PATCHES	
	ADRENAL MEDULLA	
	FEMUR	
	COLON	
	ILEUM	
	NERVE, SCIATIC	
	RECTUM	
	STOMACH, NON	
	TESTES	
	TRACHEA	
	STERNUM	
	COLON	
	EYES/OPTIC N.	
	KIDNEYS	
	LYMPH NODE, MES	
	NASAL CAVITY	
	PROSTATE	
	STOMACH	
	SEMINAL VESICLES	
	TONGUE	
	FEMUR	
	DUODENUM	
	JEJUNUM	
	PANCREAS	
	SPINAL CORD	
	SKIN	
	PARATHYROIDS	
	URINARY BLADDER	
	STERNUM	
	BRAIN	
	ESOPHAGUS	
	LYMPH NODE, MAND	
	PITUITARY	
	SAL. GLAND MAND	
	SPLEEN	
	THYMUS	
	NASAL LEVEL I	

NOT PRESENT FOR EXAMINATION

MICRO:PHARYNX

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PGRHv4.59
04/15/2008

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

PAGE 1

ANIMAL NO. 90175 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: NECROSIS, HEPATOCELLULAR				2
LIVER	7.91	3.338		FOCAL				
BRAIN	1.93	0.814	NASAL LEVEL III	MICRO: CORPORA AMYLACEA				1
KIDNEYS	2.19	0.924		OLFACTORY EPITHELIUM, MULTIFOCAL				
HEART	1.17	0.494	THYROID GLANDS	MICRO: ECTOPIC THYMUS				P
SPLEEN	0.43	0.181	VAGINA	MICRO: ESTROUS CYCLE: DIESTRUS				P
UTERUS	0.43	0.181	NO SIGNIFICANT					
THYMUS	0.4262	0.180	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
OVARIES/OVIDUCTS	0.1352	0.057		BRAIN	CECUM	COLON	DUODENUM	
ADRENAL GLANDS	0.0739	0.031		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
FINAL BODY WT(G)	237.			ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
				OVARIES	PANCREAS	PHARYNX	PITUITARY	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	
				MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM	
				MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN	
				CECUM	COLON	DUODENUM	PEYER'S PATCHES	
				ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM	
				JEJUNUM	KIDNEYS	LYMPH NODE, MAND	LAC. GLAND EXOR	
				LYMPH NODE, MES	LUNGS	LARYNX	MAMMARY GLAND	
				NERVE, SCIATIC	OVIDUCTS	OVARIES	PANCREAS	
				PHARYNX	PITUITARY	NASAL LEVEL I	RECTUM	
				SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON	
				SKELETAL MUSCLE	SKIN	SPLEEN	PARATHYROID	
				THYMUS	TONGUE	TRACHEA	URINARY BLADDER	
				UTERUS	CERVIX			

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90175 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

PAGE 3

ANIMAL NO.	90177	GROUP	1:	0 MG/KG/DAY	FEMALE	SCHEDULED EUTH	01/08/08	DATE OF DEATH: 01/08/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.								
LIVER	8.79	3.573			KIDNEYS	MICRO: INFLAMMATION, CHRONIC				1
BRAIN	1.88	0.764				INTERSTITIAL, MULTIFOCAL				
KIDNEYS	2.19	0.890				MINERALIZATION				1
HEART	1.06	0.431			LUNGS	FOCAL				
SPLEEN	0.64	0.260				MICRO: INFLAMMATION, SUBACUTE				2
UTERUS	0.69	0.280				INTERSTITIAL, FOCAL				
THYMUS	0.5990	0.243			NASAL LEVEL I	MICRO: LUMINAL DEBRIS, CELLULAR				1
OVARIES/OVIDUCTS	0.1633	0.066				NASAL CAVITY, MULTIFOCAL				
ADRENAL GLANDS	0.0811	0.033				EXUDATE, LUMINAL				3
FINAL BODY WT(G)	246.					NASOLACRIMAL DUCT, UNILATERAL				
						DEGENERATION				3
						INCISOR; AMELOBLAST/ODONTOBLAST LAYER AFFECTED, UNILATERAL				
						INFLAMMATION, SUBACUTE				2
						PULP CAVITY, MULTIFOCAL				
					STOMACH, GLAN	MICRO: DILATATION, GLANDULAR				1
						MULTIFOCAL				
					NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR				1
						NASAL CAVITY, MULTIFOCAL				
					TEETH	GROSS: FRACTURED				P
						UPPER INCISOR, RIGHT; CEO BROKEN				
					TEETH	MICRO: NO SIGNIFICANT CHANGES OBSERVED				
						FRACTURE OF INCISOR NOT OBSERVED IN NASAL LEVEL SECTION YI				

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TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90177 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

PARATHYROIDS	MICRO: NO SIGNIFICANT CHANGES OBSERVED				
	ONE OF PAIR PRESENT				
TRACHEA	MICRO: DILATATION, DUCTULAR				2
	MULTIFOCAL				
UTERUS	MICRO: DILATATION, LUMEN				2
VAGINA	MICRO: ESTROUS CYCLE: PROESTRUS				P
NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
	BRAIN	CECUM	COLON	DUODENUM	
	PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
	ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
	LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
	LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
	OVARIES	PANCREAS	PHARYNX	PITUITARY	
	RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
	SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
	THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
	URINARY BLADDER	UTERUS	VAGINA	CERVIX	
	MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM	
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN	
	CECUM	COLON	DUODENUM	PEYER'S PATCHES	
	ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM	
	JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LIVER	
	LYMPH NODE, MES	LARYNX	MAMMARY GLAND	NERVE, SCIATIC	
	OVIDUCTS	OVARIES	PANCREAS	PHARYNX	
	PITUITARY	RECTUM	SPINAL CORD	SAL. GLAND MAND	
	STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN	
	TEETH	THYROID GLANDS	PARATHYROIDS	THYMUS	
	TONGUE	URINARY BLADDER	CERVIX		

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TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90177 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

GROSS/MICRO CORRELATIONS
GROSS FINDING <====> CONFIRMING MICROSCOPIC FINDING

TEETH: FRACTURED <====>GROSS UNCONFIRMED

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
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TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90192 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	MICRO: REGENERATION, RENAL TUBULAR	1
LIVER	7.65	3.558		FOCAL	
BRAIN	1.79	0.833		CYST, MEDULLARY	P
KIDNEYS	1.91	0.888		INFLAMMATION, CHRONIC	1
HEART	0.88	0.409		INTERSTITIAL, FOCAL	
SPLEEN	0.46	0.214	PANCREAS	MICRO: INFILTRATE, LYMPHOCYTE	1
UTERUS	0.51	0.237		MULTIFOCAL	
THYMUS	0.4651	0.216	NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
OVARIES/OVIDUCTS	0.1501	0.070		NASAL CAVITY, MULTIFOCAL	
ADRENAL GLANDS	0.0907	0.042		CORPORA AMYLACEA	1
FINAL BODY WT(G)	215.			OLFACTORY EPITHELIUM, FOCAL	
			VAGINA	MICRO: ESTROUS CYCLE: ESTRUS	P
			NO SIGNIFICANT		
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
				AORTA	STERNUM
				BRAIN	CECUM
				PEYER'S PATCHES	ESOPHAGUS
				ILEUM	JEJUNUM
				LAC. GLAND EXOR	LIVER
				LARYNX	MAMMARY GLAND
				OVARIES	PANCREAS
				RECTUM	SPINAL CORD
				SKELETAL MUSCLE	SKIN
				THYROID GLANDS	THYMUS
				URINARY BLADDER	UTERUS
				MICRO:ADRENAL CORTEX	ADRENAL MEDULLA
				MARROW, STERN	FEMUR
				CECUM	COLON
					STERNUM
					COLON
					EYES/OPTIC N.
					KIDNEYS
					LYMPH NODE, MES
					LYMPH NODE, MAND
					LUNGS
					OVIDUCTS
					PITUITARY
					STOMACH
					NASAL CAVITY
					TRACHEA
					CERVIX
					STERNUM
					BRAIN
					PEYER'S PATCHES

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TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90192 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LIVER
LYMPH NODE, MES	LUNGS	LARYNX	MAMMARY GLAND
NERVE, SCIATIC	OVIDUCTS	OVARIES	PHARYNX
PITUITARY	NASAL LEVEL I	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON	SKELETAL MUSCLE
SKIN	SPLEEN	THYROID GLANDS	PARATHYROIDS
THYMUS	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	CERVIX		

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
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TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90204	GROUP	1:	0 MG/KG/DAY	FEMALE	SCHEDULED EUTH	01/08/08	DATE OF DEATH: 01/08/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.								
LIVER	7.66	3.232			LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
BRAIN	1.87	0.789			LUNGS	MICRO: INFLAMMATION, SUBACUTE				1
KIDNEYS	1.91	0.806			STOMACH, GLAN	MICRO: DILATATION, GLANDULAR				1
HEART	1.04	0.439			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR				1
SPLEEN	0.57	0.241			PARATHYROID	MICRO: NO SIGNIFICANT CHANGES OBSERVED				
UTERUS	0.34	0.143			VAGINA	MICRO: ESTROUS CYCLE: DIESTRUS				P
THYMUS	0.6254	0.264			NO SIGNIFICANT					
OVARIES/OVIDUCTS	0.1491	0.063			CHANGES OBSERVED					
ADRENAL GLANDS	0.0648	0.027								
FINAL BODY WT(G)	237.									
					GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR		
					BRAIN	CECUM	COLON	DUODENUM		
					PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART		
					ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND		
					LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS		
					LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS		
					OVARIES	PANCREAS	PHARYNX	PITUITARY		
					RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH		
					SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY		
					THYROID GLANDS	THYMUS	TONGUE	TRACHEA		
					URINARY BLADDER	UTERUS	VAGINA	CERVIX		
					MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM		
					MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN		
					CECUM	COLON	DUODENUM	PEYER'S PATCHES		
					ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM		

PROJECT NO.:WIL-189205F
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SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90204 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

JEJUNUM	KIDNEYS	LYMPH NODE, MAND	LAC. GLAND EXOR
LYMPH NODE, MES	LARYNX	MAMMARY GLAND	NERVE, SCIATIC
OVIDUCTS	OVARIES	PANCREAS	PHARYNX
PITUITARY	NASAL LEVEL I	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH, NON	SKELETAL MUSCLE	SKIN
SPLEEN	THYROID GLANDS	PARATHYROIDS	THYMUS
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
CERVIX			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90209 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	PEYER'S PATCHES	MICRO: NOT PRESENT FOR EXAMINATION			
LIVER	8.25	3.452		NOT IN PLANE OF SECTION; RECUT MADE AND EXAMINED			
BRAIN	1.82	0.762	LIVER	MICRO: INFILTRATE, MONONUCLEAR			1
KIDNEYS	2.11	0.883		MULTIFOCAL			
HEART	0.95	0.397	STOMACH, GLAN	MICRO: DILATATION, GLANDULAR			1
SPLEEN	0.52	0.218		MULTIFOCAL			
UTERUS	0.93	0.389	NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR			1
THYMUS	0.6322	0.265		NASAL CAVITY, MULTIFOCAL			
OVARIES/OVIDUCTS	0.1789	0.075		CORPORA AMYLACEA			1
ADRENAL GLANDS	0.0802	0.034		OLFACTORY EPITHELIUM, MULTIFOCAL			
FINAL BODY WT(G)	239.		THYROID GLANDS	MICRO: CYST, ULTIMOBRANCHIAL			P
				ECTOPIC THYMUS			P
			UTERUS	GROSS: CONTENTS, CLEAR FLUID			P
				BOTH HORNS			
			UTERUS	MICRO: DILATATION, LUMEN			3
			VAGINA	MICRO: ESTROUS CYCLE: PROESTRUS			P
			NO SIGNIFICANT				
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
				BRAIN	CECUM	COLON	DUODENUM
				PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
				OVARIES	PANCREAS	PHARYNX	PITUITARY
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA

PROJECT NO.:WIL-189205F
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TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90209 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

URINARY BLADDER	VAGINA	CERVIX	
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	ESOPHAGUS
EYES/OPTIC N.	HEART	ILEUM	JEJUNUM
KIDNEYS	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES
LUNGS	LARYNX	MAMMARY GLAND	NERVE, SCIATIC
OVIDUCTS	OVARIES	PANCREAS	PHARYNX
PITUITARY	NASAL LEVEL I	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH, NON	SKELETAL MUSCLE	SKIN
SPLEEN	PARATHYROIDS	THYMUS	TONGUE
TRACHEA	URINARY BLADDER	CERVIX	

NOT PRESENT FOR EXAMINATION

MICRO:PEYER'S PATCHES

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

UTERUS: CONTENTS, CLEAR FLUID

<====>UTERUS: DILATATION, LUMEN

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
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TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90214 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR				1
LIVER	7.16	3.410		NASAL CAVITY, MULTIFOCAL				
BRAIN	1.74	0.829	TRACHEA	MICRO: DILATATION, DUCTULAR				2
KIDNEYS	4.01	1.910		MULTIFOCAL				
HEART	0.94	0.448	UTERUS	GROSS: CONTENTS, CLEAR FLUID				P
SPLEEN	0.47	0.224		BOTH HORNS				
UTERUS	0.95	0.452	UTERUS	MICRO: DILATATION, LUMEN				3
THYMUS	0.3638	0.173	VAGINA	MICRO: ESTROUS CYCLE: PROESTRUS				P
OVARIES/OVIDUCTS	0.1377	0.066	NO SIGNIFICANT					
ADRENAL GLANDS	0.0692	0.033	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
FINAL BODY WT(G)	210.			BRAIN	CECUM	COLON	DUODENUM	
				PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
				OVARIES	PANCREAS	PHARYNX	PITUITARY	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	VAGINA	CERVIX		
				MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM	
				MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN	
				CECUM	COLON	DUODENUM	PEYER'S PATCHES	
				ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM	
				JEJUNUM	KIDNEYS	LYMPH NODE, MAND	LAC. GLAND EXOR	
				LIVER	LYMPH NODE, MES	LUNGS	LARYNX	
				MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	OVARIES	
				PANCREAS	PHARYNX	PITUITARY	NASAL LEVEL I	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN	
				STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN	

PROJECT NO.:WIL-189205F
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TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90214 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

	THYROID GLANDS URINARY BLADDER	PARATHYROIDS CERVIX	THYMUS	TONGUE
GROSS/MICRO CORRELATIONS GROSS FINDING	<====> CONFIRMING MICROSCOPIC FINDING			
UTERUS: CONTENTS, CLEAR FLUID	<====>UTERUS: DILATATION, LUMEN			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90224 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	MICRO: INFLAMMATION, CHRONIC				1
LIVER	8.44	3.488		INTERSTITIAL, MULTIFOCAL				
BRAIN	1.92	0.793		MINERALIZATION				1
KIDNEYS	2.15	0.888		FOCAL				
HEART	1.10	0.455	LIVER	MICRO: HEPATOCYTE, MULTINUCLEATED				1
SPLEEN	0.58	0.240		MULTIFOCAL				
UTERUS	0.55	0.227	LUNGS	MICRO: MINERALIZATION, VASCULAR				1
THYMUS	0.3745	0.155		INTIMAL, FOCAL				
OVARIES/OVIDUCTS	0.1809	0.075	PANCREAS	MICRO: HYPERPLASIA, ISLET CELL				2
ADRENAL GLANDS	0.0907	0.037		FOCAL				
FINAL BODY WT(G)	242.		NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR				1
				NASAL CAVITY, MULTIFOCAL				
				CORPORA AMYLACEA				1
				OLFACTORY EPITHELIUM, MULTIFOCAL				
			PARATHYROIDES	MICRO: NO SIGNIFICANT CHANGES OBSERVED				
				ONE OF PAIR PRESENT				
			VAGINA	MICRO: ESTROUS CYCLE: ESTRUS				P
			NO SIGNIFICANT					
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
				BRAIN	CECUM	COLON	DUODENUM	
				PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90224 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

MICRO:	OVARIES	PANCREAS	PHARYNX	PITUITARY
	RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
	SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
	THYROID GLANDS	THYMUS	TONGUE	TRACHEA
	URINARY BLADDER	UTERUS	VAGINA	CERVIX
	ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
	CECUM	COLON	DUODENUM	PEYER'S PATCHES
	ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
	JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES
	LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
	OVARIES	PHARYNX	PITUITARY	NASAL LEVEL I
	RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN
	STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN
	THYROID GLANDS	PARATHYROIDS	THYMUS	TONGUE
	TRACHEA	URINARY BLADDER	UTERUS	CERVIX

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90225	GROUP	1:	0 MG/KG/DAY	FEMALE	SCHEDULED EUTH	01/08/08	DATE OF DEATH: 01/08/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.			HEART	MICRO: INFLAMMATION, CHRONIC				1
LIVER	7.02	3.391				INTERSTITIAL, MULTIFOCAL				
BRAIN	1.82	0.879			KIDNEYS	MICRO: INFLAMMATION, CHRONIC				1
KIDNEYS	1.95	0.942				INTERSTITIAL, FOCAL				
HEART	0.91	0.440				MINERALIZATION				1
SPLEEN	0.65	0.314				FOCAL				
UTERUS	0.56	0.271			LAC. GLAND EXOR	MICRO: INFILTRATE, LYMPHOCYTE				2
THYMUS	0.3537	0.171				MULTIFOCAL				
OVARIES/OVIDUCTS	0.1282	0.062			LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
ADRENAL GLANDS	0.0731	0.035				MULTIFOCAL				
FINAL BODY WT(G)	207.				NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR				1
						NASAL CAVITY, MULTIFOCAL				
						CORPORA AMYLACEA				1
						OLFACTORY EPITHELIUM, MULTIFOCAL				
					PARATHYROIDES	MICRO: NO SIGNIFICANT CHANGES OBSERVED				
						ONE OF PAIR PRESENT				
					VAGINA	MICRO: ESTROUS CYCLE: PROESTRUS				P
					NO SIGNIFICANT					
					CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
						BRAIN	CECUM	COLON	DUODENUM	
						PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
						ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
						LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
						LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90225 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

MICRO:	OVARIES	PANCREAS	PHARYNX	PITUITARY
	RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
	SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
	THYROID GLANDS	THYMUS	TONGUE	TRACHEA
	URINARY BLADDER	UTERUS	VAGINA	CERVIX
	ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
	CECUM	COLON	DUODENUM	PEYER'S PATCHES
	ESOPHAGUS	EYES/OPTIC N.	ILEUM	JEJUNUM
	LYMPH NODE, MAND	LYMPH NODE, MES	LUNGS	LARYNX
	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	OVARIES
	PANCREAS	PHARYNX	PITUITARY	NASAL LEVEL I
	RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN
	STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN
	THYROID GLANDS	PARATHYROIDS	THYMUS	TONGUE
	TRACHEA	URINARY BLADDER	UTERUS	CERVIX

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90232 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	HEART	MICRO: INFLAMMATION, CHRONIC	1
LIVER	6.67	3.222		INTERSTITIAL, FOCAL	
BRAIN	1.86	0.899	KIDNEYS	MICRO: MINERALIZATION	1
KIDNEYS	1.89	0.913		MULTIFOCAL	
HEART	0.95	0.459	LIVER	MICRO: VACUOLATION, CYTOPLASMIC	1
SPLEEN	0.54	0.261		MULTIFOCAL; HEPATOCYTES AND SINUSOIDAL CELLS AFFECTED	
UTERUS	0.68	0.329	LUNGS	MICRO: MINERALIZATION, VASCULAR	1
THYMUS	0.6073	0.293		INTIMAL, FOCAL	
OVARIES/OVIDUCTS	0.1188	0.057	NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
ADRENAL GLANDS	0.0777	0.038		NASAL CAVITY, MULTIFOCAL	
FINAL BODY WT(G)	207.		THYMUS	MICRO: HEMORRHAGE	1
			VAGINA	MICRO: ESTROUS CYCLE: PROESTRUS	P
			NO SIGNIFICANT		
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
				BRAIN	
				PEYER'S PATCHES	
				ILEUM	
				LAC. GLAND EXOR	
				LARYNX	
				OVARIES	
				RECTUM	
				SKELETAL MUSCLE	
				THYROID GLANDS	
				URINARY BLADDER	
				MICRO:ADRENAL CORTEX	
				MARROW, STERN	
				CECUM	
				AORTA	
				CECUM	
				ESOPHAGUS	
				JEJUNUM	
				LIVER	
				MAMMARY GLAND	
				PANCREAS	
				SPINAL CORD	
				SKIN	
				THYMUS	
				UTERUS	
				ADRENAL MEDULLA	
				FEMUR	
				COLON	
				STERNUM	
				COLON	
				EYES/OPTIC N.	
				KIDNEYS	
				LYMPH NODE, MES	
				NERVE, SCIATIC	
				PHARYNX	
				SAL. GLAND MAND	
				SPLEEN	
				TONGUE	
				VAGINA	
				AORTA	
				MARROW, FEMUR	
				DUODENUM	
				FEMUR	
				DUODENUM	
				HEART	
				LYMPH NODE, MAND	
				LUNGS	
				OVIDUCTS	
				PITUITARY	
				STOMACH	
				NASAL CAVITY	
				TRACHEA	
				CERVIX	
				STERNUM	
				BRAIN	
				PEYER'S PATCHES	

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90232 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ESOPHAGUS	EYES/OPTIC N.	ILEUM	JEJUNUM
LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES	LARYNX
MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	OVARIES
PANCREAS	PHARYNX	PITUITARY	NASAL LEVEL I
RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN
STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN
THYROID GLANDS	PARATHYROIDS	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90235	GROUP	1:	0 MG/KG/DAY	FEMALE	SCHEDULED EUTH	01/08/08	DATE OF DEATH: 01/08/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.								
LIVER	8.37	3.430			KIDNEYS		MICRO: INFLAMMATION, CHRONIC			1
BRAIN	1.89	0.775			LIVER		MICRO: INTERSTITIAL, FOCAL			1
KIDNEYS	2.08	0.852					MICRO: INFILTRATE, MONONUCLEAR			1
HEART	1.15	0.471			LUNGS		MICRO: MULTIFOCAL			1
SPLEEN	0.42	0.172					MICRO: MINERALIZATION, VASCULAR			1
UTERUS	0.54	0.221			OVARIES		MICRO: INTIMAL, FOCAL			1
THYMUS	0.4735	0.194					MICRO: MINERALIZATION			1
OVARIES/OVIDUCTS	0.1465	0.060			STOMACH, GLAN		MICRO: FOCAL			1
ADRENAL GLANDS	0.0636	0.026					MICRO: DILATATION, GLANDULAR			1
FINAL BODY WT(G)	244.				SKELETAL MUSCLE		MICRO: MULTIFOCAL			1
							MICRO: INFILTRATE, LYMPHOCYTE			1
					NASAL LEVEL III		MICRO: MULTIFOCAL			1
							MICRO: LUMINAL DEBRIS, CELLULAR			1
							NASAL CAVITY, MULTIFOCAL			1
							CORPORA AMYLACEA			P
					THYROID GLANDS		OLFACTORY EPITHELIUM, MULTIFOCAL			P
					PARATHYROIDS		MICRO: CYST, ULTIMOBRANCHIAL			P
							MICRO: NO SIGNIFICANT CHANGES OBSERVED			P
					VAGINA		ONE OF PAIR PRESENT			P
					NO SIGNIFICANT		MICRO: ESTROUS CYCLE: ESTRUS			P
					CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
						BRAIN	CECUM	COLON	DUODENUM	

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90235 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
OVARIES	PANCREAS	PHARYNX	PITUITARY
RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
THYROID GLANDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	CERVIX
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	PEYER'S PATCHES
ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES
LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
PANCREAS	PHARYNX	PITUITARY	NASAL LEVEL I
RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, NON
SKIN	SPLEEN	PARATHYROIDS	THYMUS
TONGUE	TRACHEA	URINARY BLADDER	UTERUS
CERVIX			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90193 GROUP 2: 3 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LYMPH NODE, MAND	GROSS: ENLARGED				P
LIVER	8.80	3.346		BILATERAL				
BRAIN	1.86	0.707	LYMPH NODE, MAND	MICRO: HYPERPLASIA, LYMPHOID				2
KIDNEYS	2.12	0.806	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
HEART	1.00	0.380		MULTIFOCAL				
SPLEEN	0.52	0.198	NO SIGNIFICANT					
UTERUS	0.38	0.144	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
THYMUS	0.5525	0.210		BRAIN	CECUM	COLON	DUODENUM	
OVARIES/OVIDUCTS	0.1358	0.052		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
ADRENAL GLANDS	0.0768	0.029		ILEUM	JEJUNUM	KIDNEYS	LAC. GLAND EXOR	
FINAL BODY WT(G)	263.			LIVER	LYMPH NODE, MES	LUNGS	LARYNX	
				MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	OVARIES	
				PANCREAS	PHARYNX	PITUITARY	RECTUM	
				SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	NASAL CAVITY	THYROID GLANDS	
				THYMUS	TONGUE	TRACHEA	URINARY BLADDER	
				UTERUS	VAGINA	CERVIX		

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

LYMPH NODE, MAND: ENLARGED

<====>LYMPH NODE, MAND: HYPERPLASIA, LYMPHOID

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90199 GROUP 2: 3 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	8.67	3.468	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	2.06	0.824		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	2.26	0.904		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
HEART	1.13	0.452		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
SPLEEN	0.67	0.268		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
UTERUS	0.58	0.232		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
THYMUS	0.9401	0.376		OVARIES	PANCREAS	PHARYNX	PITUITARY
OVARIES/OVIDUCTS	0.1776	0.071		RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
ADRENAL GLANDS	0.0762	0.030		SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
FINAL BODY WT(G)	250.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	UTERUS	VAGINA	CERVIX
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90206 GROUP 2: 3 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	7.22	3.181		MULTIFOCAL				
BRAIN	2.02	0.890	NO SIGNIFICANT					
KIDNEYS	2.08	0.916	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.00	0.441		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.64	0.282		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.47	0.207		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.4265	0.188		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1330	0.059		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0653	0.029		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	227.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90210 GROUP 2: 3 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	GENERAL COMMENT	GROSS: ORGAN DAMAGED AT NECROPSY				P
LIVER	8.42	3.523		PITUITARY GLAND				
BRAIN	1.91	0.799	NO SIGNIFICANT					
KIDNEYS	2.06	0.862	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.10	0.460		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.48	0.201		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.51	0.213		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.5622	0.235		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1260	0.053		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0741	0.031		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	239.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	
				MICRO:LIVER				

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90217 GROUP 2: 3 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	7.98	3.712		MULTIFOCAL				
BRAIN	1.95	0.907	NO SIGNIFICANT					
KIDNEYS	2.27	1.056	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	0.97	0.451		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.44	0.205		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.53	0.247		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.4083	0.190		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1555	0.072		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0931	0.043		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	215.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90221 GROUP 2: 3 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	7.39	3.469		MULTIFOCAL				
BRAIN	1.90	0.892	NO SIGNIFICANT					
KIDNEYS	2.08	0.977	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	0.79	0.371		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.47	0.221		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.39	0.183		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.4853	0.228		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1414	0.066		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0713	0.033		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	213.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90230 GROUP 2: 3 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	6.83	3.381		MULTIFOCAL				
BRAIN	1.91	0.946	NO SIGNIFICANT					
KIDNEYS	1.72	0.851	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	0.98	0.485		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.41	0.203		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.50	0.248		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.3350	0.166		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1362	0.067		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0522	0.026		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	202.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90234 GROUP 2: 3 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	7.91	3.255	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	1.87	0.770		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	2.00	0.823		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
HEART	0.90	0.370		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
SPLEEN	0.48	0.198		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
UTERUS	0.47	0.193		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
THYMUS	0.5992	0.247		OVARIES	PANCREAS	PHARYNX	PITUITARY
OVARIES/OVIDUCTS	0.1468	0.060		RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
ADRENAL GLANDS	0.0666	0.027		SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
FINAL BODY WT(G)	243.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	UTERUS	VAGINA	CERVIX
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90236 GROUP 2: 3 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	7.48	3.156	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	1.84	0.776		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	2.25	0.949		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
HEART	1.16	0.489		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
SPLEEN	0.51	0.215		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
UTERUS	0.91	0.384		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
THYMUS	0.4412	0.186		OVARIES	PANCREAS	PHARYNX	PITUITARY
OVARIES/OVIDUCTS	0.1381	0.058		RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
ADRENAL GLANDS	0.0702	0.030		SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
FINAL BODY WT(G)	237.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	UTERUS	VAGINA	CERVIX
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90244 GROUP 2: 3 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				2
LIVER	7.49	3.436		MULTIFOCAL				
BRAIN	1.78	0.817	NO SIGNIFICANT					
KIDNEYS	1.80	0.826	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	0.93	0.427		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.47	0.216		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.41	0.188		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.2867	0.132		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1296	0.059		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0723	0.033		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	218.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90178 GROUP 3: 30 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	7.29	3.269		MULTIFOCAL				
BRAIN	1.91	0.857	NO SIGNIFICANT					
KIDNEYS	2.09	0.937	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	0.92	0.413		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.51	0.229		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.44	0.197		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.5901	0.265		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1333	0.060		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0551	0.025		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	223.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90181 GROUP 3: 30 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	GROSS: AREA(S), DEPRESSED	P
LIVER	8.39	3.190		FEW, IRREGULARLY SHAPED, IN CORTEX, BILATERAL	
BRAIN	1.80	0.684	KIDNEYS	MICRO: INFLAMMATION, CHRONIC	1
KIDNEYS	2.09	0.795		INTERSTITIAL, MULTIFOCAL	
HEART	1.34	0.510	NO SIGNIFICANT		
SPLEEN	0.62	0.236	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
UTERUS	0.65	0.247		AORTA	STERNUM
THYMUS	0.6880	0.262		BRAIN	CECUM
OVARIES/OVIDUCTS	0.1543	0.059		PEYER'S PATCHES	ESOPHAGUS
ADRENAL GLANDS	0.0716	0.027		ILEUM	JEJUNUM
FINAL BODY WT(G)	263.			LIVER	LYMPH NODE, MES
				MAMMARY GLAND	NERVE, SCIATIC
				PANCREAS	PHARYNX
				SPINAL CORD	SAL. GLAND MAND
				SKIN	SPLEEN
				THYMUS	TONGUE
				UTERUS	VAGINA
				MICRO:LIVER	
					STERNUM
					COLON
					EYES/OPTIC N.
					LYMPH NODE, MAND
					LAC. GLAND EXOR
					LARYNX
					OVIDUCTS
					PITUITARY
					RECTUM
					STOMACH
					NASAL CAVITY
					TRACHEA
					CERVIX
					URINARY BLADDER

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

KIDNEYS: AREA(S), DEPRESSED

<====>GROSS UNCONFIRMED

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90191 GROUP 3: 30 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	THYMUS	GROSS: AREA(S), DARK RED				P
LIVER	8.58	3.460		MULTIPLE, IRREGULARLY SHAPED				
BRAIN	1.96	0.790	THYMUS	MICRO: HEMORRHAGE				1
KIDNEYS	5.57	2.246	NO SIGNIFICANT					
HEART	1.05	0.423	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.51	0.206		BRAIN	CECUM	COLON	DUODENUM	
UTERUS	0.52	0.210		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
THYMUS	0.6220	0.251		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
OVARIES/OVIDUCTS	0.1272	0.051		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
ADRENAL GLANDS	0.0873	0.035		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
FINAL BODY WT(G)	248.			OVARIES	PANCREAS	PHARYNX	PITUITARY	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	TONGUE	TRACHEA	URINARY BLADDER	
				UTERUS	VAGINA	CERVIX		
				MICRO:LIVER				

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

THYMUS: AREA(S), DARK RED

<====>THYMUS: HEMORRHAGE

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90195 GROUP 3: 30 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	9.53	3.954		MULTIFOCAL				
BRAIN	2.05	0.851		VACUOLATION, CYTOPLASMIC				1
KIDNEYS	2.24	0.929		MULTIFOCAL				
HEART	1.17	0.485	NO SIGNIFICANT					
SPLEEN	0.62	0.257	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
UTERUS	0.42	0.174		BRAIN	CECUM	COLON	DUODENUM	
THYMUS	0.5410	0.224		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
OVARIES/OVIDUCTS	0.1530	0.063		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
ADRENAL GLANDS	0.0647	0.027		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
FINAL BODY WT(G)	241.			LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
				OVARIES	PANCREAS	PHARYNX	PITUITARY	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90202 GROUP 3: 30 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	8.12	3.261		MULTIFOCAL				
BRAIN	1.75	0.703	NO SIGNIFICANT					
KIDNEYS	2.18	0.876	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.11	0.446		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.51	0.205		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.43	0.173		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.6308	0.253		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1409	0.057		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0670	0.027		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	249.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90205 GROUP 3: 30 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	GROSS: ACCESSORY LOBULE(S)	P
LIVER	8.67	3.689		ONE, 10 X 10 X 3 MM, ATTACHED TO LEFT LOBE	
BRAIN	1.93	0.821	LIVER	MICRO: NODULE, HEPATODIAPHRAGMATIC	P
KIDNEYS	2.05	0.872		INFILTRATE, MONONUCLEAR	1
HEART	0.96	0.409		MULTIFOCAL	
SPLEEN	0.48	0.204	UTERUS	GROSS: CONTENTS, CLEAR FLUID	P
UTERUS	0.86	0.366		BOTH HORNS	
THYMUS	0.5841	0.249	UTERUS	MICRO: DILATATION, LUMEN	3
OVARIES/OVIDUCTS	0.1838	0.078	NO SIGNIFICANT		
ADRENAL GLANDS	0.0925	0.039	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
FINAL BODY WT(G)	235.			AORTA	STERNUM
				BRAIN	FEMUR
				CECUM	DUODENUM
				PEYER'S PATCHES	COLON
				ESOPHAGUS	EYES/OPTIC N.
				JEJUNUM	HEART
				LYMPH NODE, MES	LYMPH NODE, MAND
				LUNG	LARYNX
				MAMMARY GLAND	OVARIES
				NERVE, SCIATIC	RECTUM
				PANCREAS	STOMACH
				PHARYNX	THYROID GLANDS
				SAL. GLAND MAND	URINARY BLADDER
				SKIN	
				SPLEEN	
				TONGUE	
				VAGINA	
				CERVIX	

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

UTERUS: CONTENTS, CLEAR FLUID
LIVER: ACCESSORY LOBULE(S)

<====>UTERUS: DILATATION, LUMEN
<====>LIVER: NODULE, HEPATODIAPHRAGMATIC

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90212 GROUP 3: 30 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	GENERAL COMMENT	GROSS: ORGAN DAMAGED AT NECROPSY				P
LIVER	6.82	2.965		OPTIC NERVE, RIGHT				
BRAIN	1.83	0.796	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
KIDNEYS	1.79	0.778		MULTIFOCAL				
HEART	0.95	0.413	NO SIGNIFICANT					
SPLEEN	0.43	0.187	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
UTERUS	0.48	0.209		BRAIN	CECUM	COLON	DUODENUM	
THYMUS	0.4552	0.198		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
OVARIES/OVIDUCTS	0.1374	0.060		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
ADRENAL GLANDS	0.0764	0.033		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
FINAL BODY WT(G)	230.			LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
				OVARIES	PANCREAS	PHARYNX	PITUITARY	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90215 GROUP 3: 30 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	6.99	3.251	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	1.94	0.902		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	1.86	0.865		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
HEART	0.87	0.405		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
SPLEEN	0.55	0.256		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
UTERUS	0.38	0.177		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
THYMUS	0.4868	0.226		OVARIES	PANCREAS	PHARYNX	PITUITARY
OVARIES/OVIDUCTS	0.1375	0.064		RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
ADRENAL GLANDS	0.0883	0.041		SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
FINAL BODY WT(G)	215.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	UTERUS	VAGINA	CERVIX
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90219 GROUP 3: 30 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				2
LIVER	6.68	3.259		MULTIFOCAL				
BRAIN	1.88	0.917	NO SIGNIFICANT					
KIDNEYS	1.94	0.946	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	0.92	0.449		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.44	0.215		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.39	0.190		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.4207	0.205		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1332	0.065		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0652	0.032		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	205.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90228 GROUP 3: 30 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: NECROSIS, HEPATOCELLULAR				1
LIVER	8.37	3.608		FOCAL				
BRAIN	1.87	0.806		VACUOLATION, CYTOPLASMIC				1
KIDNEYS	2.25	0.970		MULTIFOCAL				
HEART	0.96	0.414	UTERUS	GROSS: CONTENTS, CLEAR FLUID				P
SPLEEN	0.53	0.228		BOTH HORNS				
UTERUS	0.83	0.358	UTERUS	MICRO: DILATATION, LUMEN				2
THYMUS	0.5400	0.233		NO SIGNIFICANT				
OVARIES/OVIDUCTS	0.1454	0.063	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
ADRENAL GLANDS	0.0769	0.033		BRAIN	CECUM	COLON	DUODENUM	
FINAL BODY WT(G)	232.			PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
				OVARIES	PANCREAS	PHARYNX	PITUITARY	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	VAGINA	CERVIX		

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

UTERUS: CONTENTS, CLEAR FLUID

<====>UTERUS: DILATATION, LUMEN

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90176 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	EYES/OPTIC N.	MICRO: INFLAMMATION, SUBACUTE	1
LIVER	7.38	3.727		SUBCONJUNCTIVAL, FOCAL	
BRAIN	1.83	0.924	LUNGS	MICRO: MINERALIZATION, VASCULAR	1
KIDNEYS	1.95	0.985		INTIMAL, FOCAL	
HEART	0.74	0.374	STOMACH, GLAN	MICRO: DILATATION, GLANDULAR	1
SPLEEN	0.37	0.187		MULTIFOVAL	
UTERUS	0.54	0.273	NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
THYMUS	0.2743	0.139		NASAL CAVITY, MULTIFOVAL	
OVARIES/OVIDUCTS	0.1397	0.071		CORPORA AMYLACEA	1
ADRENAL GLANDS	0.0628	0.032		OLFACTORY EPITHELIUM, MULTIFOVAL	
FINAL BODY WT(G)	198.		THYROID GLANDS	MICRO: ECTOPIC THYMUS	P
			PARATHYROIDS	MICRO: NO SIGNIFICANT CHANGES OBSERVED	
				ONE OF PAIR PRESENT	
			VAGINA	MICRO: ESTROUS CYCLE: ESTRUS	P
			NO SIGNIFICANT		
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
				BRAIN	
				PEYER'S PATCHES	
				ILEUM	
				LAC. GLAND EXOR	
				LARYNX	
				OVARIES	
				RECTUM	
				SKELETAL MUSCLE	
				THYROID GLANDS	
				URINARY BLADDER	
				AORTA	
				CECUM	
				ESOPHAGUS	
				JEJUNUM	
				LIVER	
				MAMMARY GLAND	
				PANCREAS	
				SPINAL CORD	
				SKIN	
				THYMUS	
				UTERUS	
				STERNUM	
				COLON	
				EYES/OPTIC N.	
				KIDNEYS	
				LYMPH NODE, MES	
				NERVE, SCIATIC	
				PHARYNX	
				SAL. GLAND MAND	
				SPLEEN	
				TONGUE	
				VAGINA	
				FEMUR	
				DUODENUM	
				HEART	
				LYMPH NODE, MAND	
				LUNGS	
				OVIDUCTS	
				PITUITARY	
				STOMACH	
				NASAL CAVITY	
				TRACHEA	
				CERVIX	

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90176 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	PEYER'S PATCHES
ESOPHAGUS	HEART	ILEUM	JEJUNUM
KIDNEYS	LYMPH NODE, MAND	LAC. GLAND EXOR	LIVER
LYMPH NODE, MES	LARYNX	MAMMARY GLAND	NERVE, SCIATIC
OVIDUCTS	OVARIES	PANCREAS	PHARYNX
PITUITARY	NASAL LEVEL I	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH, NON	SKELETAL MUSCLE	SKIN
SPLEEN	PARATHYROIDS	THYMUS	TONGUE
TRACHEA	URINARY BLADDER	UTERUS	CERVIX

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90182	GROUP	4: 300 MG/KG/DAY	FEMALE	SCHEDULED EUTH	01/08/08	DATE OF DEATH: 01/08/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	MICRO: INFLAMMATION, CHRONIC					1
LIVER	9.71	4.063		INTERSTITIAL, FOCAL					P
BRAIN	1.97	0.824		CYST, MEDULLARY					1
KIDNEYS	2.15	0.900	LIVER	MICRO: INFILTRATE, MONONUCLEAR					1
HEART	1.27	0.531		MULTIFOCAL					1
SPLEEN	0.60	0.251		HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR					1
UTERUS	0.57	0.238		MULTIFOCAL					1
THYMUS	0.5163	0.216	SKELETAL MUSCLE	MICRO: INFILTRATE, LYMPHOCYTE					1
OVARIES/OVIDUCTS	0.1669	0.070		FOCAL					1
ADRENAL GLANDS	0.1135	0.047	NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR					1
FINAL BODY WT(G)	239.			NASAL CAVITY, MULTIFOCAL					1
				CORPORA AMYLACEA					P
				OLFACTORY EPITHELIUM, MULTIFOCAL					P
			THYROID GLANDS	MICRO: CYST, ULTIMOBRANCHIAL					P
			PARATHYROIDS	MICRO: NOT PRESENT FOR EXAMINATION					P
				NOT IN PLANE OF SECTION					P
			VAGINA	MICRO: ESTROUS CYCLE: ESTRUS					P
			NO SIGNIFICANT						
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR		
				BRAIN	CECUM	COLON	DUODENUM		
				PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART		
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND		
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS		
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS		
				OVARIES	PANCREAS	PHARYNX	PITUITARY		

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90182 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
THYROID GLANDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	CERVIX
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	PEYER'S PATCHES
ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES
LUNGS	LARYNX	MAMMARY GLAND	NERVE, SCIATIC
OVIDUCTS	OVARIES	PANCREAS	PHARYNX
PITUITARY	NASAL LEVEL I	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON	SKIN
SPLEEN	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	CERVIX	

NOT PRESENT FOR EXAMINATION

MICRO:PARATHYROIDS

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90183	GROUP	4: 300 MG/KG/DAY	FEMALE	SCHEDULED EUTH	01/08/08	DATE OF DEATH: 01/08/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.	HEART	MICRO: INFLAMMATION, CHRONIC					1
LIVER	9.13	3.820		SUBENDOCARDIAL, FOCAL					
BRAIN	1.97	0.824		DEGENERATION, MYOCARDIAL					1
KIDNEYS	2.13	0.891		FOCAL					
HEART	0.94	0.393	LIVER	MICRO: INFILTRATE, MONONUCLEAR					1
SPLEEN	0.47	0.197		MULTIFOCA					
UTERUS	0.38	0.159	NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR					1
THYMUS	0.3928	0.164		NASAL CAVITY, MULTIFOCA					
OVARIES/OVIDUCTS	0.1129	0.047		CORPORA AMYLACEA					1
ADRENAL GLANDS	0.0720	0.030		OLFACTORY EPITHELIUM, MULTIFOCA					
FINAL BODY WT(G)	239.		THYROID GLANDS	MICRO: CYST, ULTIMOBRANCHIAL					P
			PARATHYROIDS	MICRO: NO SIGNIFICANT CHANGES OBSERVED					
				ONE OF PAIR PRESENT					
			THYMUS	MICRO: CYST					P
			TRACHEA	MICRO: DILATATION, DUCTULAR					2
				MULTIFOCA					
			VAGINA	MICRO: ESTROUS CYCLE: DIESTRUS					P
			NO SIGNIFICANT						
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR		
				BRAIN	CECUM	COLON	DUODENUM		
				PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART		
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND		
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS		
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS		
				OVARIES	PANCREAS	PHARYNX	PITUITARY		

PROJECT NO.:WIL-189205F
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SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90183 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
THYROID GLANDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	CERVIX
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	PEYER'S PATCHES
ESOPHAGUS	EYES/OPTIC N.	ILEUM	JEJUNUM
KIDNEYS	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES
LUNGS	LARYNX	MAMMARY GLAND	NERVE, SCIATIC
OVIDUCTS	OVARIES	PANCREAS	PHARYNX
PITUITARY	NASAL LEVEL I	RECTUM	SPINAL CORD
SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON	SKELETAL MUSCLE
SKIN	SPLEEN	PARATHYROIDS	TONGUE
URINARY BLADDER	UTERUS	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90187 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	GENERAL COMMENT	GROSS: ORGAN DAMAGED AT NECROPSY			P
LIVER	7.94	3.676		OPTIC NERVE, RIGHT			
BRAIN	1.80	0.833	LIVER	MICRO: INFILTRATE, MONONUCLEAR			1
KIDNEYS	1.89	0.875		MULTIFOCAL			
HEART	0.87	0.403	NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR			1
SPLEEN	0.45	0.208		NASAL CAVITY, MULTIFOCAL			
UTERUS	0.41	0.190		CORPORA AMYLACEA			1
THYMUS	0.5523	0.256		OLFACTORY EPITHELIUM, FOCAL			
OVARIES/OVIDUCTS	0.1455	0.067	PARATHYROIDES	MICRO: NOT PRESENT FOR EXAMINATION			
ADRENAL GLANDS	0.0671	0.031		NOT IN PLANE OF SECTION			
FINAL BODY WT(G)	216.		VAGINA	MICRO: ESTROUS CYCLE: DIESTRUS			P
			NO SIGNIFICANT				
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
				BRAIN	CECUM	COLON	DUODENUM
				PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
				OVARIES	PANCREAS	PHARYNX	PITUITARY
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	UTERUS	VAGINA	CERVIX
				MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
				MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
				CECUM	COLON	DUODENUM	PEYER'S PATCHES
				ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
				JEJUNUM	KIDNEYS	LYMPH NODE, MAND	LAC. GLAND EXOR

PROJECT NO.:WIL-189205F
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SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90187 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

LYMPH NODE, MES	LUNGS	LARYNX	MAMMARY GLAND
NERVE, SCIATIC	OVIDUCTS	OVARIES	PANCREAS
PHARYNX	PITUITARY	NASAL LEVEL I	RECTUM
SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON
SKELETAL MUSCLE	SKIN	SPLEEN	THYROID GLANDS
THYMUS	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	CERVIX		

NOT PRESENT FOR EXAMINATION

MICRO:PARATHYROIDS

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90190	GROUP	4: 300 MG/KG/DAY	FEMALE	SCHEDULED EUTH	01/08/08	DATE OF DEATH: 01/08/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.	HEART	MICRO: INFLAMMATION, CHRONIC					1
LIVER	8.20	3.850		INTERSTITIAL, FOCAL					
BRAIN	1.71	0.803	KIDNEYS	MICRO: INFLAMMATION, CHRONIC					1
KIDNEYS	1.96	0.920		INTERSTITIAL, MULTIFOCAL					
HEART	0.89	0.418		BASOPHILIC TUBULES					1
SPLEEN	0.50	0.235		FOCAL					
UTERUS	0.38	0.178	PANCREAS	MICRO: INFILTRATE, LYMPHOCYTE					1
THYMUS	0.5543	0.260		MULTIFOCAL					
OVARIES/OVIDUCTS	0.1128	0.053	NASAL LEVEL I	MICRO: LUMINAL DEBRIS, CELLULAR					1
ADRENAL GLANDS	0.0750	0.035		NASAL CAVITY, MULTIFOCAL					
FINAL BODY WT(G)	213.		NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR					1
				NASAL CAVITY, MULTIFOCAL					
				CORPORA AMYLACEA					1
				OLFACTORY EPITHELIUM, MULTIFOCAL					
			PARATHYROIDES	MICRO: NO SIGNIFICANT CHANGES OBSERVED					
				ONE OF PAIR PRESENT					
			VAGINA	MICRO: ESTROUS CYCLE: DIESTRUS					P
			NO SIGNIFICANT						
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR		
				BRAIN	CECUM	COLON	DUODENUM		
				PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART		
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND		
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS		
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS		

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90190 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

MICRO:	OVARIES	PANCREAS	PHARYNX	PITUITARY
	RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
	SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
	THYROID GLANDS	THYMUS	TONGUE	TRACHEA
	URINARY BLADDER	UTERUS	VAGINA	CERVIX
	ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
	CECUM	COLON	DUODENUM	PEYER'S PATCHES
	ESOPHAGUS	EYES/OPTIC N.	ILEUM	JEJUNUM
	LYMPH NODE, MAND	LAC. GLAND EXOR	LIVER	LYMPH NODE, MES
	LUNGS	LARYNX	MAMMARY GLAND	NERVE, SCIATIC
	OVIDUCTS	OVARIES	PHARYNX	PITUITARY
	RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN
	STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN
	THYROID GLANDS	PARATHYROIDS	THYMUS	TONGUE
	TRACHEA	URINARY BLADDER	UTERUS	CERVIX

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90213 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NASAL LEVEL I	MICRO: DEGENERATION				1
LIVER	7.95	3.698		INCISOR; DENTIN INCLUSION PRESENT, UNILATERAL				
BRAIN	1.85	0.860	NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR				1
KIDNEYS	1.72	0.800		NASAL CAVITY, MULTIFOCAL				
HEART	0.88	0.409	THYROID GLANDS	MICRO: CYST, ULTIMOBRANCHIAL				P
SPLEEN	0.46	0.214	PARATHYROIDS	MICRO: NOT PRESENT FOR EXAMINATION				
UTERUS	0.61	0.284		NOT IN PLANE OF SECTION				
THYMUS	0.3184	0.148	VAGINA	MICRO: ESTROUS CYCLE: ESTRUS				P
OVARIES/OVIDUCTS	0.1471	0.068	NO SIGNIFICANT					
ADRENAL GLANDS	0.0679	0.032	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
FINAL BODY WT(G)	215.			BRAIN	CECUM	COLON	DUODENUM	
				PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
				OVARIES	PANCREAS	PHARYNX	PITUITARY	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	
				MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM	
				MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN	
				CECUM	COLON	DUODENUM	PEYER'S PATCHES	
				ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM	
				JEJUNUM	KIDNEYS	LYMPH NODE, MAND	LAC. GLAND EXOR	
				LIVER	LYMPH NODE, MES	LUNGS	LARYNX	
				MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	OVARIES	
				PANCREAS	PHARYNX	PITUITARY	RECTUM	
				SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON	

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90213 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

SKELETAL MUSCLE SKIN
TONGUE TRACHEA
CERVIX SPLEEN THYMUS
URINARY BLADDER UTERUS

NOT PRESENT FOR EXAMINATION

MICRO:PARATHYROIDS

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90220	GROUP	4: 300 MG/KG/DAY	FEMALE	SCHEDULED EUTH	01/08/08	DATE OF DEATH: 01/08/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.	HEART	MICRO: INFLAMMATION, CHRONIC					1
LIVER	8.07	3.917		INTERSTITIAL, FOCAL					
BRAIN	1.88	0.913	KIDNEYS	MICRO: MINERALIZATION					1
KIDNEYS	2.00	0.971		FOCAL					
HEART	0.86	0.417	LUNGS	MICRO: MINERALIZATION, VASCULAR					1
SPLEEN	0.48	0.233		INTIMAL, FOCAL					
UTERUS	0.41	0.199	NERVE, SCIATIC	MICRO: INFLAMMATION, SUBACUTE					1
THYMUS	0.3500	0.170		PERINEURAL SHEATH, MULTIFOCA					
OVARIES/OVIDUCTS	0.1377	0.067	NASAL LEVEL III	MICRO: CORPORA AMYLACEA					1
ADRENAL GLANDS	0.0600	0.029		OLFACTORY EPITHELIUM, FOCAL					
FINAL BODY WT(G)	206.		THYROID GLANDS	MICRO: CYST, ULTIMOBRANCHIAL					P
				INFILTRATE, LYMPHOCYTE					1
			PARATHYROID	MICRO: NOT PRESENT FOR EXAMINATION					
				NOT IN PLANE OF SECTION					
			VAGINA	MICRO: ESTROUS CYCLE: DIESTRUS					P
			NO SIGNIFICANT						
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR		
				BRAIN	CECUM	COLON	DUODENUM		
				PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART		
				ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND		
				LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS		
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS		
				OVARIES	PANCREAS	PHARYNX	PITUITARY		
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH		

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90220 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
THYROID GLANDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	CERVIX
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	PEYER'S PATCHES
ESOPHAGUS	EYES/OPTIC N.	ILEUM	JEJUNUM
LYMPH NODE, MAND	LAC. GLAND EXOR	LIVER	LYMPH NODE, MES
LARYNX	MAMMARY GLAND	OVIDUCTS	OVARIES
PANCREAS	PHARYNX	PITUITARY	NASAL LEVEL I
RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH, GLAN
STOMACH, NON	SKELETAL MUSCLE	SKIN	SPLEEN
THYMUS	TONGUE	TRACHEA	URINARY BLADDER
UTERUS	CERVIX		

NOT PRESENT FOR EXAMINATION

MICRO:PARATHYROIDS

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90227 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	MICRO: INFLAMMATION, CHRONIC	1
LIVER	7.81	3.487		INTERSTITIAL, FOCAL	
BRAIN	1.75	0.781		MINERALIZATION	1
KIDNEYS	2.09	0.933		FOCAL	
HEART	1.05	0.469		BASOPHILIC TUBULES	1
SPLEEN	0.45	0.201		FOCAL	
UTERUS	0.38	0.170	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
THYMUS	0.5113	0.228		MULTIFOVAL	
OVARIES/OVIDUCTS	0.1164	0.052		NECROSIS, HEPATOCELLULAR	1
ADRENAL GLANDS	0.0623	0.028		FOCAL	
FINAL BODY WT(G)	224.			HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR	1
				MULTIFOVAL	
			STOMACH, GLAN	MICRO: DILATATION, GLANDULAR	1
				MULTIFOVAL	
			SKELETAL MUSCLE	MICRO: INFILTRATE, LYMPHOCYTE	1
				FOCAL	
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR	1
				NASAL CAVITY, MULTIFOVAL	
				CORPORA AMYLACEA	1
				OLFACTORY EPITHELIUM, MULTIFOVAL	
			PARATHYROIDES	MICRO: NO SIGNIFICANT CHANGES OBSERVED	
				ONE OF PAIR PRESENT	

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90227 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

TRACHEA	MICRO: DILATATION, DUCTULAR	2
	MULTIFOCAL	
	EXUDATE, LUMINAL	2
	SUBMUCOSAL GLANDS, FOCAL	
VAGINA	MICRO: ESTROUS CYCLE: PROESTRUS	P
NO SIGNIFICANT		
CHANGES OBSERVED	GROSS:ADRENAL GLANDS AORTA STERNUM FEMUR	
	BRAIN CECUM COLON DUODENUM	
	PEYER'S PATCHES ESOPHAGUS EYES/OPTIC N. HEART	
	ILEUM JEJUNUM KIDNEYS LYMPH NODE, MAND	
	LAC. GLAND EXOR LIVER LUNG LUNGS	
	LARYNX MAMMARY GLAND NERVE, SCIATIC OVIDUCTS	
	OVARIES PANCREAS PHARYNX PITUITARY	
	RECTUM SPINAL CORD SAL. GLAND MAND STOMACH	
	SKELETAL MUSCLE SKIN SPLEEN NASAL CAVITY	
	THYROID GLANDS THYMUS TONGUE TRACHEA	
	URINARY BLADDER UTERUS VAGINA CERVIX	
	MICRO:ADRENAL CORTEX ADRENAL MEDULLA AORTA STERNUM	
	MARROW, STERN FEMUR MARROW, FEMUR BRAIN	
	CECUM COLON DUODENUM PEYER'S PATCHES	
	ESOPHAGUS EYES/OPTIC N. HEART ILEUM	
	JEJUNUM LYMPH NODE, MAND LAC. GLAND EXOR LYMPH NODE, MES	
	LUNGS LARYNX MAMMARY GLAND NERVE, SCIATIC	
	OVIDUCTS OVARIES PANCREAS PHARYNX	
	PITUITARY NASAL LEVEL I RECTUM SPINAL CORD	
	SAL. GLAND MAND STOMACH, NON SKIN SPLEEN	
	THYROID GLANDS PARATHYROIDS THYMUS TONGUE	
	URINARY BLADDER UTERUS CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90231	GROUP	4: 300 MG/KG/DAY	FEMALE	SCHEDULED EUTH	01/08/08	DATE OF DEATH: 01/08/08	STUDY DAY: 28	GRADE
ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	MICRO: INFLAMMATION, CHRONIC					1
LIVER	9.79	4.113		INTERSTITIAL, FOCAL					
BRAIN	1.94	0.815		MINERALIZATION					1
KIDNEYS	2.44	1.025		FOCAL					
HEART	1.26	0.529		BASOPHILIC TUBULES					1
SPLEEN	0.60	0.252		FOCAL					
UTERUS	1.14	0.479	LIVER	MICRO: INFILTRATE, MONONUCLEAR					1
THYMUS	0.6231	0.262		MULTIFOVAL					
OVARIES/OVIDUCTS	0.1571	0.066		HYPERTROPHY, HEPATOCELLULAR, CENTRIOBULAR					1
ADRENAL GLANDS	0.0747	0.031		MULTIFOVAL					
FINAL BODY WT(G)	238.		LUNGS	MICRO: MINERALIZATION, VASCULAR					1
				INTIMAL, MULTIFOVAL					
			NASAL LEVEL III	MICRO: LUMINAL DEBRIS, CELLULAR					2
				NASAL CAVITY, MULTIFOVAL					
				CORPORA AMYLACEA					1
				OLFACTORY EPITHELIUM, MULTIFOVAL					
THYROID GLANDS				MICRO: CYST, ULTIMOBRANCHIAL					P
PARATHYROIDS				MICRO: NO SIGNIFICANT CHANGES OBSERVED					
				ONE OF PAIR PRESENT					
UTERUS				MICRO: DILATATION, LUMEN					3
VAGINA				MICRO: ESTROUS CYCLE: PROESTRUS					P
NO SIGNIFICANT									
CHANGES OBSERVED			GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR			

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90231 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

BRAIN	CECUM	COLON	DUODENUM
PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
OVARIES	PANCREAS	PHARYNX	PITUITARY
RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
THYROID GLANDS	THYMUS	TONGUE	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	CERVIX
MICRO:ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
CECUM	COLON	DUODENUM	PEYER'S PATCHES
ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES
LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
OVARIES	PANCREAS	PHARYNX	PITUITARY
NASAL LEVEL I	RECTUM	SPINAL CORD	SAL. GLAND MAND
STOMACH, GLAN	STOMACH, NON	SKELETAL MUSCLE	SKIN
SPLEEN	PARATHYROIDS	THYMUS	TONGUE
TRACHEA	URINARY BLADDER	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

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ORGAN WEIGHT	ABS. (G)	REL.	GENERAL COMMENT	GROSS:	ORGAN DAMAGED AT NECROPSY			
LIVER	8.20	3.868			OPTIC NERVE, SIDE DESIGNATION UNKNOWN			P
BRAIN	1.77	0.835	KIDNEYS	MICRO:	INFLAMMATION, CHRONIC			1
KIDNEYS	1.84	0.868			INTERSTITIAL, FOCAL			
HEART	1.22	0.575			MINERALIZATION			1
SPLEEN	0.42	0.198			FOCAL			
UTERUS	0.45	0.212	LIVER	MICRO:	HYPERTROPHY, HEPATOCELLULAR, CENTRIOBLULAR			1
THYMUS	0.3790	0.179			MULTIFOCAL			
OVARIES/OVIDUCTS	0.1277	0.060	NASAL LEVEL III	MICRO:	LUMINAL DEBRIS, CELLULAR			1
ADRENAL GLANDS	0.0695	0.033			NASAL CAVITY, MULTIFOCAL			
FINAL BODY WT(G)	212.				CORPORA AMYLACEA			1
					OLFACTORY EPITHELIUM, MULTIFOCAL			
			THYROID GLANDS	MICRO:	CYST, ULTIMOBRANCHIAL			P
					INFILTRATE, LYMPHOCYTE			1
					FOCAL			
			PARATHYROID	MICRO:	NO SIGNIFICANT CHANGES OBSERVED			
					ONE OF PAIR PRESENT			
			VAGINA	MICRO:	ESTROUS CYCLE: ESTRUS			P
			NO SIGNIFICANT					
			CHANGES OBSERVED	GROSS:	ADRENAL GLANDS	AORTA	STERNUM	FEMUR
					BRAIN	CECUM	COLON	DUODENUM
					PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
					ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
					LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
					LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A44 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90242 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 01/08/08 DATE OF DEATH: 01/08/08 STUDY DAY: 28
GRADE

	OVARIES	PANCREAS	PHARYNX	PITUITARY
	RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
	SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
	THYROID GLANDS	THYMUS	TONGUE	TRACHEA
	URINARY BLADDER	UTERUS	VAGINA	CERVIX
MICRO:	ADRENAL CORTEX	ADRENAL MEDULLA	AORTA	STERNUM
	MARROW, STERN	FEMUR	MARROW, FEMUR	BRAIN
	CECUM	COLON	DUODENUM	PEYER'S PATCHES
	ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM
	JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	LYMPH NODE, MES
	LUNGS	LARYNX	MAMMARY GLAND	NERVE, SCIATIC
	OVIDUCTS	OVARIES	PANCREAS	PHARYNX
	PITUITARY	NASAL LEVEL I	RECTUM	SPINAL CORD
	SAL. GLAND MAND	STOMACH, GLAN	STOMACH, NON	SKELETAL MUSCLE
	SKIN	SPLEEN	PARATHYROIDS	THYMUS
	TONGUE	TRACHEA	URINARY BLADDER	UTERUS
	CERVIX			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PGRHv4.59
04/15/2008

PROJECT NO.:WIL-189205M TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES) PAGE 1
SPONSOR:E.I. DUPONT A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
SPONSOR NO.:DUPONT-24447 INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90105 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	GROSS: AREA(S), DEPRESSED	P
LIVER	12.22	3.017		ONE, 2 MM IN DIAMETER, IN CORTEX, RIGHT	
BRAIN	2.00	0.494	KIDNEYS	MICRO: INFLAMMATION, CHRONIC	1
KIDNEYS	3.12	0.770		INTERSTITIAL, MULTIFOCAL	
SPLEEN	0.68	0.168		BASOPHILIC TUBULES	1
HEART	1.29	0.319		FOCAL	
EPIDIDYMIDES	1.07	0.264		CAST, HYALINE	1
TESTES	2.86	0.706		TUBULAR, FOCAL	
THYMUS	0.3665	0.090	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
ADRENAL GLANDS	0.0624	0.015		MULTIFOCAL	
FINAL BODY WT(G)	405.		NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS AORTA STERNUM FEMUR	
				BRAIN CECUM COLON DUODENUM	
				EPIDIDYMIDES ESOPHAGUS EYES/OPTIC N. HEART	
				ILEUM JEJUNUM LYMPH NODE, MAND LAC. GLAND EXOR	
				LIVER LYMPH NODE, MES LUNGS LARYNX	
				NERVE, SCIATIC NASAL CAVITY PANCREAS PHARYNX	
				PITUITARY PROSTATE RECTUM SPINAL CORD	
				SAL. GLAND MAND STOMACH SKELETAL MUSCLE SKIN	
				SPLEEN SEMINAL VESICLES TESTES THYROID GLANDS	
				THYMUS TONGUE TRACHEA URINARY BLADDER	
				PEYER'S PATCHES	

GROSS/MICRO CORRELATIONS

GROSS FINDING <====> CONFIRMING MICROSCOPIC FINDING

KIDNEYS: AREA(S), DEPRESSED <====>GROSS UNCONFIRMED

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90116 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	13.49	3.227		MULTIFOCAL				
BRAIN	1.97	0.471	NO SIGNIFICANT					
KIDNEYS	3.30	0.789	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.87	0.208		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.52	0.364		EPIDIDYMITES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYMITES	1.21	0.289		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	2.88	0.689		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.4271	0.102		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0526	0.013		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	418.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

PAGE 3

ANIMAL NO. 90117 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	13.01	3.105	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	2.11	0.504		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	3.42	0.816		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
SPLEEN	0.75	0.179		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
HEART	1.46	0.348		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
EPIDIDYIMIDES	1.25	0.298		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
TESTES	3.58	0.854		PHARYNX	PITUITARY	PROSTATE	RECTUM
THYMUS	0.3442	0.082		SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
ADRENAL GLANDS	0.0657	0.016		SKIN	SPLEEN	SEMINAL VESICLES	TESTES
FINAL BODY WT(G)	419.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	PEYER'S PATCHES		
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES) PAGE 4
SPONSOR:E.I. DUPONT A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
SPONSOR NO.:DUPONT-24447 INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90120 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
LIVER	11.42	2.906		MULTIFOCAL	
BRAIN	1.99	0.506	LUNGS	GROSS: AREA(S), DARK RED	P
KIDNEYS	3.19	0.812		FEW, IRREGULARLY SHAPED, RIGHT DIAPHRAGMATIC, RIGHT ACCESSORY	
SPLEEN	0.71	0.181		AND LEFT LOBES	
HEART	1.42	0.361	LUNGS	MICRO: HEMORRHAGE	2
EPIDIDYMIDES	1.11	0.282	THYMUS	GROSS: AREA(S), DARK RED	P
TESTES	2.90	0.738		FEW, IRREGULARLY SHAPED	
THYMUS	0.3163	0.080	THYMUS	MICRO: HEMORRHAGE	2
ADRENAL GLANDS	0.0569	0.014	NO SIGNIFICANT		
FINAL BODY WT(G)	393.		CHANGES OBSERVED	GROSS:ADRENAL GLANDS AORTA STERNUM FEMUR	
				BRAIN CECUM COLON DUODENUM	
				EPIDIDYMIDES ESOPHAGUS EYES/OPTIC N. HEART	
				ILEUM JEJUNUM KIDNEYS LYMPH NODE, MAND	
				LAC. GLAND EXOR LIVER LYMPH NODE, MES LARYNX	
				NERVE, SCIATIC NASAL CAVITY PANCREAS PHARYNX	
				PITUITARY PROSTATE RECTUM SPINAL CORD	
				SAL. GLAND MAND STOMACH SKELETAL MUSCLE SKIN	
				SPLEEN SEMINAL VESICLES TESTES THYROID GLANDS	
				TONGUE TRACHEA URINARY BLADDER PEYER'S PATCHES	

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

LUNGS: AREA(S), DARK RED
THYMUS: AREA(S), DARK RED

<====>LUNGS: HEMORRHAGE
<====>THYMUS: HEMORRHAGE

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90129 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	EPIDIDYIMIDES	GROSS: ABSENT				P
LIVER	12.32	3.111		LEFT				
BRAIN	2.03	0.513	JEJUNUM	GROSS: DIVERTICULUM				P
KIDNEYS	3.68	0.929		ONE, 9 X 5 X 3 MM				
SPLEEN	0.65	0.164	JEJUNUM	MICRO: DIVERTICULUM				P
HEART	1.43	0.361	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
EPIDIDYIMIDES	0.68	0.172		MULTIFOCAL				
TESTES	1.97	0.497	ADIPOSE TISSUE	GROSS: CYST(S)				P
THYMUS	0.1451	0.037		MULTIPLE, PINPOINT, ADJACENT TO LEFT VAS DEFERENS				
ADRENAL GLANDS	0.0535	0.014	ADIPOSE TISSUE	MICRO: INFLAMMATION, CHRONIC				2
FINAL BODY WT(G)	396.			FOCAL WITH MINERALIZED MATERIAL AND GIANT CELLS				
			TESTES	GROSS: ABSENT				P
				LEFT				
			NO SIGNIFICANT CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
				BRAIN	CECUM	COLON	DUODENUM	
				ESOPHAGUS	EYES/OPTIC N.	HEART	ILEUM	
				KIDNEYS	LYMPH NODE, MAND	LAC. GLAND EXOR	LIVER	
				LYMPH NODE, MES	LUNGS	LARYNX	NERVE, SCIATIC	
				NASAL CAVITY	PANCREAS	PHARYNX	PITUITARY	
				PROSTATE	RECTUM	SPINAL CORD	SAL. GLAND MAND	
				STOMACH	SKELETAL MUSCLE	SKIN	SPLEEN	
				SEMINAL VESICLES	THYROID GLANDS	THYMUS	TONGUE	
				TRACHEA	URINARY BLADDER	PEYER'S PATCHES		
GROSS/MICRO CORRELATIONS								
GROSS FINDING				<====>	CONFIRMING MICROSCOPIC FINDING			
JEJUNUM: DIVERTICULUM				<====>	JEJUNUM: DIVERTICULUM			
ADIPOSE TISSUE: CYST(S)				<====>	GROSS UNCONFIRMED			

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90129 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90140 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				2
LIVER	12.69	2.972		MULTIFOCAL				
BRAIN	2.05	0.480	NO SIGNIFICANT					
KIDNEYS	3.68	0.862	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.87	0.204		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.35	0.316		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.30	0.304		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.25	0.761		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.2958	0.069		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0619	0.014		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	427.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90153 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	10.56	2.640	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	1.96	0.490		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	2.96	0.740		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
SPLEEN	0.70	0.175		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
HEART	1.17	0.292		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
EPIDIDYIMIDES	1.05	0.262		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
TESTES	3.04	0.760		PHARYNX	PITUITARY	PROSTATE	RECTUM
THYMUS	0.4097	0.102		SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
ADRENAL GLANDS	0.0431	0.011		SKIN	SPLEEN	SEMINAL VESICLES	TESTES
FINAL BODY WT(G)	400.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	PEYER'S PATCHES		

MICRO:LIVER

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90156 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LYMPH NODE, MAND	GROSS: DISCOLORATION, DARK RED				P
LIVER	14.55	3.177		BILATERAL				
BRAIN	2.06	0.450	LYMPH NODE, MAND	MICRO: HEMORRHAGE				1
KIDNEYS	3.87	0.845	NO SIGNIFICANT					
SPLEEN	0.81	0.177	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.66	0.362		BRAIN	CECUM	COLON	DUODENUM	
EPIDIDYIMIDES	1.24	0.271		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
TESTES	3.11	0.679		ILEUM	JEJUNUM	KIDNEYS	LAC. GLAND EXOR	
THYMUS	0.3914	0.085		LIVER	LYMPH NODE, MES	LUNGS	LARYNX	
ADRENAL GLANDS	0.0626	0.014		NERVE, SCIATIC	NASAL CAVITY	PANCREAS	PHARYNX	
FINAL BODY WT(G)	458.			PITUITARY	PROSTATE	RECTUM	SPINAL CORD	
				SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	SKIN	
				SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS	
				THYMUS	TONGUE	TRACHEA	URINARY BLADDER	
				PEYER'S PATCHES				
				MICRO:LIVER				

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

LYMPH NODE, MAND: DISCOLORATION, DARK RED

<====>LYMPH NODE, MAND: HEMORRHAGE

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90158 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	14.06	2.887		MULTIFOCAL				
BRAIN	2.18	0.448	NO SIGNIFICANT					
KIDNEYS	3.70	0.760	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.94	0.193		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.87	0.384		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.28	0.263		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.31	0.680		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.4701	0.097		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0661	0.014		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	487.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90164 GROUP 1: 0 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	11.72	2.777		MULTIFOCAL				
BRAIN	2.10	0.498	NO SIGNIFICANT					
KIDNEYS	3.37	0.799	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.69	0.164		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.41	0.334		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.36	0.322		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.45	0.818		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.4242	0.101		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0683	0.016		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	422.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90109 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	13.77	3.225	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	2.08	0.487		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	3.86	0.904		EPIDIDYMITES	ESOPHAGUS	EYES/OPTIC N.	HEART
SPLEEN	0.82	0.192		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
HEART	1.44	0.337		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
EPIDIDYMITES	1.21	0.283		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
TESTES	2.69	0.630		PHARYNX	PITUITARY	PROSTATE	RECTUM
THYMUS	0.4376	0.102		SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
ADRENAL GLANDS	0.0624	0.015		SKIN	SPLEEN	SEMINAL VESICLES	TESTES
FINAL BODY WT(G)	427.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	PEYER'S PATCHES		
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90111 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	10.65	2.724		MULTIFOCAL				
BRAIN	2.00	0.512	NO SIGNIFICANT					
KIDNEYS	3.25	0.831	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.67	0.171		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.19	0.304		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.42	0.363		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.70	0.946		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.4188	0.107		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0663	0.017		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	391.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90112 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	GENERAL COMMENT	GROSS: ORGAN DAMAGED AT NECROPSY				P
LIVER	11.50	3.186		LEFT LOBE OF LIVER				
BRAIN	2.08	0.576	NO SIGNIFICANT					
KIDNEYS	3.11	0.861	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.71	0.197		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.54	0.427		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.16	0.321		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	2.99	0.828		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.3924	0.109		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0557	0.015		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	361.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			
				MICRO:LIVER				

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90114 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	10.33	2.960		MULTIFOCAL				
BRAIN	1.93	0.553	NO SIGNIFICANT					
KIDNEYS	2.75	0.788	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.66	0.189		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.25	0.358		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.11	0.318		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	2.95	0.845		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.2621	0.075		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0452	0.013		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	349.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90115 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LYMPH NODE, MAND	GROSS: ENLARGED				P
LIVER	12.48	2.798		RIGHT				
BRAIN	1.97	0.442	LYMPH NODE, MAND	MICRO: HYPERPLASIA, LYMPHOID				1
KIDNEYS	3.75	0.841	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
SPLEEN	0.82	0.184		MULTIFOCAL				
HEART	1.48	0.332	NO SIGNIFICANT					
EPIDIDYMIDES	1.28	0.287	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
TESTES	3.06	0.686		BRAIN	CECUM	COLON	DUODENUM	
THYMUS	0.4256	0.095		EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
ADRENAL GLANDS	0.0683	0.015		ILEUM	JEJUNUM	KIDNEYS	LAC. GLAND EXOR	
FINAL BODY WT(G)	446.			LIVER	LYMPH NODE, MES	LUNGS	LARYNX	
				NERVE, SCIATIC	NASAL CAVITY	PANCREAS	PHARYNX	
				PITUITARY	PROSTATE	RECTUM	SPINAL CORD	
				SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	SKIN	
				SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS	
				THYMUS	TONGUE	TRACHEA	URINARY BLADDER	
				PEYER'S PATCHES				

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

LYMPH NODE, MAND: ENLARGED

<====>LYMPH NODE, MAND: HYPERPLASIA, LYMPHOID

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO.	90133	GROUP	4:	30 MG/KG/DAY	MALE	SCHEDULED EUTH	02/04/08	DATE OF DEATH: 02/04/08	STUDY DAY: 56
									GRADE
ORGAN WEIGHT	ABS.(G)	REL.			KIDNEYS	GROSS: DILATED PELVIS			2
LIVER	12.40	2.904				RIGHT			
BRAIN	2.08	0.487			KIDNEYS	MICRO: HYDRONEPHROSIS			P
KIDNEYS	4.08	0.956				INFLAMMATION, CHRONIC			1
SPLEEN	0.61	0.143				INTERSTITIAL, MULTIFOVAL			
HEART	1.54	0.361				BASOPHILIC TUBULES			1
EPIDIDYMIDES	1.29	0.302				FOCAL			
TESTES	3.29	0.770			LIVER	MICRO: INFILTRATE, MONONUCLEAR			1
THYMUS	0.2866	0.067				MULTIFOVAL			
ADRENAL GLANDS	0.0447	0.010				FIBROSIS, BILE DUCTS			1
FINAL BODY WT(G)	427.					FOCAL			
					THYMUS	GROSS: AREA(S), DARK RED			P
						FEW, PINPOINT			
					THYMUS	MICRO: HEMORRHAGE			1
					NO SIGNIFICANT				
					CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
						BRAIN	CECUM	COLON	DUODENUM
						EPIDIDYMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
						ILEUM	JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR
						LIVER	LYMPH NODE, MES	LUNGS	LARYNX
						NERVE, SCIATIC	NASAL CAVITY	PANCREAS	PHARYNX
						PITUITARY	PROSTATE	RECTUM	SPINAL CORD
						SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	SKIN
						SPLEEN	SEMINAL VESICLES	TESTES	THYROID GLANDS
						TONGUE	TRACHEA	URINARY BLADDER	PEYER'S PATCHES

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90133 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

GROSS/MICRO CORRELATIONS
GROSS FINDING <====> CONFIRMING MICROSCOPIC FINDING

KIDNEYS: DILATED PELVIS <====>KIDNEYS: HYDRONEPHROSIS
THYMUS: AREA(S), DARK RED <====>THYMUS: HEMORRHAGE

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90149 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	10.33	2.777		MULTIFOCAL				
BRAIN	2.03	0.546	NO SIGNIFICANT					
KIDNEYS	2.88	0.774	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.58	0.156		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.42	0.382		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.33	0.358		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.07	0.825		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.4921	0.132		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0434	0.012		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	372.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90160 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	EPIDIDYIMIDES	GROSS: SMALL	P
LIVER	10.85	2.917		RIGHT	
BRAIN	1.83	0.492	EPIDIDYIMIDES	MICRO: ASPERMIA	P
KIDNEYS	3.59	0.965		LUMINAL DEBRIS, CELLULAR	2
SPLEEN	0.75	0.202		MULTIFOCA	
HEART	1.37	0.368	KIDNEYS	GROSS: AREA(S), DEPRESSED	P
EPIDIDYIMIDES	0.94	0.253		FEW, 1 MM IN DIAMETER, IN CORTEX, BILATERAL	
TESTES	2.72	0.731	KIDNEYS	MICRO: FIBROSIS, CORTICAL	1
THYMUS	0.3185	0.086		SUBCAPSULAR, FOCAL	
ADRENAL GLANDS	0.0510	0.014		INFLAMMATION, CHRONIC	1
FINAL BODY WT(G)	372.			INTERSTITIAL, MULTIFOCA	
				BASOPHILIC TUBULES	1
				MULTIFOCA	
			LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
				MULTIFOCA	
				HEPATOCYTE, MULTINUCLEATED	2
				MULTIFOCA	
			TESTES	GROSS: SOFT	P
				RIGHT	
			TESTES	MICRO: DEGENERATION, SEMINIFEROUS TUBULES	3
			NO SIGNIFICANT		
			CHANGES OBSERVED	GROSS:ADRENAL GLANDS	
				BRAIN	AORTA
				ESOPHAGUS	CECUM
				JEJUNUM	EYES/OPTIC N.
				LYMPH NODE, MES	LYMPH NODE, MAND
					LUNGS
					STERNUM
					COLON
					HEART
					LAC. GLAND EXOR
					LARYNX
					FEMUR
					DUODENUM
					ILEUM
					LIVER
					NERVE, SCIATIC

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

ANIMAL NO. 90160 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

GROSS/MICRO CORRELATIONS GROSS FINDING	NASAL CAVITY	PANCREAS	PHARYNX	PITUITARY
	PROSTATE	RECTUM	SPINAL CORD	SAL. GLAND MAND
	STOMACH	SKELETAL MUSCLE	SKIN	SPLEEN
	SEMINAL VESICLES	THYROID GLANDS	THYMUS	TONGUE
	TRACHEA	URINARY BLADDER	PEYER'S PATCHES	
	<====> CONFIRMING MICROSCOPIC FINDING			
EPIDIDYIMIDES: SMALL	<====>EPIDIDYIMIDES: ASPERMIA			
KIDNEYS: AREA(S), DEPRESSED	<====>KIDNEYS: FIBROSIS, CORTICAL			
TESTES: SOFT	<====>TESTES: DEGENERATION, SEMINIFEROUS TUBULES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT
MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90168 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	12.58	2.919		MULTIFOCAL				
BRAIN	1.98	0.459	NO SIGNIFICANT					
KIDNEYS	3.16	0.733	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.72	0.167		BRAIN	CECUM	COLON	DUODENUM	
HEART	1.48	0.343		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART	
EPIDIDYIMIDES	1.28	0.297		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
TESTES	3.46	0.803		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
THYMUS	0.4722	0.110		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS	
ADRENAL GLANDS	0.0756	0.018		PHARYNX	PITUITARY	PROSTATE	RECTUM	
FINAL BODY WT(G)	431.			SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	SEMINAL VESICLES	TESTES	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	PEYER'S PATCHES			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A45 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90172 GROUP 4: 30 MG/KG/DAY MALE SCHEDULED EUTH 02/04/08 DATE OF DEATH: 02/04/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	12.31	3.032	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	2.11	0.520		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	3.44	0.847		EPIDIDYIMIDES	ESOPHAGUS	EYES/OPTIC N.	HEART
SPLEEN	0.75	0.185		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
HEART	1.67	0.411		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
EPIDIDYIMIDES	1.13	0.278		LARYNX	NERVE, SCIATIC	NASAL CAVITY	PANCREAS
TESTES	3.14	0.773		PHARYNX	PITUITARY	PROSTATE	RECTUM
THYMUS	0.3231	0.080		SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE
ADRENAL GLANDS	0.0540	0.013		SKIN	SPLEEN	SEMINAL VESICLES	TESTES
FINAL BODY WT(G)	406.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	PEYER'S PATCHES		
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL; 2-MILD; 3-MODERATE; 4-SEVERE; P-PRESENT

PGRHv4.60
05/21/2008

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90179 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	7.45	2.956	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	1.83	0.726		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	1.99	0.790		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
HEART	1.00	0.397		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
SPLEEN	0.51	0.202		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
UTERUS	0.58	0.230		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
THYMUS	0.2570	0.102		OVARIES	PANCREAS	PHARYNX	PITUITARY
OVARIES/OVIDUCTS	0.1242	0.049		RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
ADRENAL GLANDS	0.0633	0.025		SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
FINAL BODY WT(G)	252.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	UTERUS	VAGINA	CERVIX
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

PAGE 2

ANIMAL NO. 90185 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: VACUOLATION, CYTOPLASMIC				1
LIVER	9.07	3.106		MULTIFOCAL				
BRAIN	2.09	0.716	THYMUS	GROSS: AREA(S), DARK RED				P
KIDNEYS	2.20	0.753		MULTIPLE, PINPOINT				
HEART	1.13	0.387	THYMUS	MICRO: HEMORRHAGE				1
SPLEEN	0.56	0.192	NO SIGNIFICANT					
UTERUS	0.84	0.288	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
THYMUS	0.4667	0.160		BRAIN	CECUM	COLON	DUODENUM	
OVARIES/OVIDUCTS	0.1269	0.043		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
ADRENAL GLANDS	0.0798	0.027		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
FINAL BODY WT(G)	292.			LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
				LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
				OVARIES	PANCREAS	PHARYNX	PITUITARY	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	TONGUE	TRACHEA	URINARY BLADDER	
				UTERUS	VAGINA	CERVIX		
GROSS/MICRO CORRELATIONS								
GROSS FINDING				<====> CONFIRMING MICROSCOPIC FINDING				
THYMUS: AREA(S), DARK RED				<====>THYMUS: HEMORRHAGE				

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90194 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	9.15	3.123	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	1.92	0.655		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	2.42	0.826		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
HEART	1.12	0.382		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
SPLEEN	0.43	0.147		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
UTERUS	0.83	0.283		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
THYMUS	0.4142	0.141		OVARIES	PANCREAS	PHARYNX	PITUITARY
OVARIES/OVIDUCTS	0.1299	0.044		RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
ADRENAL GLANDS	0.0753	0.026		SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
FINAL BODY WT(G)	293.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	UTERUS	VAGINA	CERVIX
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90196 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	8.30	2.964		MULTIFOCAL				
BRAIN	2.07	0.739	NO SIGNIFICANT					
KIDNEYS	2.24	0.800	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.20	0.429		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.62	0.221		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.43	0.154		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.4621	0.165		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1394	0.050		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0603	0.022		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	280.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90197 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	THYMUS	GROSS: AREA(S), DARK RED				P
LIVER	10.67	3.166		MULTIPLE, IRREGULARLY SHAPED				
BRAIN	2.05	0.608	THYMUS	MICRO: HEMORRHAGE				1
KIDNEYS	2.80	0.831	NO SIGNIFICANT					
HEART	1.09	0.323	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.63	0.187		BRAIN	CECUM	COLON	DUODENUM	
UTERUS	0.58	0.172		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
THYMUS	0.4046	0.120		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
OVARIES/OVIDUCTS	0.1538	0.046		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
ADRENAL GLANDS	0.0813	0.024		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
FINAL BODY WT(G)	337.			OVARIES	PANCREAS	PHARYNX	PITUITARY	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	TONGUE	TRACHEA	URINARY BLADDER	
				UTERUS	VAGINA	CERVIX		
				MICRO:LIVER				

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

THYMUS: AREA(S), DARK RED

<====>THYMUS: HEMORRHAGE

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90198 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	9.47	3.146		MULTIFOCAL				
BRAIN	1.94	0.645	NO SIGNIFICANT					
KIDNEYS	2.30	0.764	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.23	0.409		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.52	0.173		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.51	0.169		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.3061	0.102		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1285	0.043		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0716	0.024		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	301.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90203 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	9.15	3.492	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	1.97	0.752		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	2.23	0.851		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
HEART	1.06	0.405		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
SPLEEN	0.66	0.252		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
UTERUS	0.67	0.256		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
THYMUS	0.5988	0.229		OVARIES	PANCREAS	PHARYNX	PITUITARY
OVARIES/OVIDUCTS	0.1310	0.050		RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
ADRENAL GLANDS	0.0839	0.032		SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
FINAL BODY WT(G)	262.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	UTERUS	VAGINA	CERVIX
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90222 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	UTERUS	GROSS: CONTENTS, CLEAR FLUID				P
LIVER	8.09	3.124		BOTH HORNS				
BRAIN	1.98	0.764	UTERUS	MICRO: DILATATION, LUMEN				2
KIDNEYS	2.27	0.876	NO SIGNIFICANT					
HEART	0.97	0.375	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
SPLEEN	0.56	0.216		BRAIN	CECUM	COLON	DUODENUM	
UTERUS	0.90	0.347		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
THYMUS	0.4984	0.192		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
OVARIES/OVIDUCTS	0.1366	0.053		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
ADRENAL GLANDS	0.0862	0.033		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
FINAL BODY WT(G)	259.			OVARIES	PANCREAS	PHARYNX	PITUITARY	
				RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	VAGINA	CERVIX		
				MICRO:LIVER				

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

UTERUS: CONTENTS, CLEAR FLUID

<====>UTERUS: DILATATION, LUMEN

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90229 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
LIVER	7.71	2.920		MULTIFOCAL	
BRAIN	1.95	0.739	THYMUS	GROSS: AREA(S), DARK RED	P
KIDNEYS	1.92	0.727		FEW, PINPOINT	
HEART	1.17	0.443	THYMUS	MICRO: HEMORRHAGE	1
SPLEEN	0.58	0.220	NO SIGNIFICANT		
UTERUS	0.57	0.216	CHANGES OBSERVED	GROSS:ADRENAL GLANDS AORTA STERNUM FEMUR	
THYMUS	0.3752	0.142		BRAIN CECUM COLON DUODENUM	
OVARIES/OVIDUCTS	0.1625	0.062		PEYER'S PATCHES ESOPHAGUS EYES/OPTIC N. HEART	
ADRENAL GLANDS	0.0631	0.024		ILEUM JEJUNUM KIDNEYS LYMPH NODE, MAND	
FINAL BODY WT(G)	264.			LAC. GLAND EXOR LIVER LYMPH NODE, MES LUNGS	
				LARYNX MAMMARY GLAND NERVE, SCIATIC OVIDUCTS	
				OVARIES PANCREAS PHARYNX PITUITARY	
				RECTUM SPINAL CORD SAL. GLAND MAND STOMACH	
				SKELETAL MUSCLE SKIN SPLEEN NASAL CAVITY	
				THYROID GLANDS TONGUE TRACHEA URINARY BLADDER	
				UTERUS VAGINA CERVIX	
GROSS/MICRO CORRELATIONS					
GROSS FINDING				<====> CONFIRMING MICROSCOPIC FINDING	
THYMUS: AREA(S), DARK RED				<====>THYMUS: HEMORRHAGE	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90233 GROUP 1: 0 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	8.53	2.962		MULTIFOCAL				
BRAIN	2.00	0.694	NO SIGNIFICANT					
KIDNEYS	2.43	0.844	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.04	0.361		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.70	0.243		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	1.10	0.382		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.5325	0.185		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1665	0.058		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0898	0.031		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	288.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90186 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	8.43	3.205	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	1.86	0.707		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	2.35	0.894		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
HEART	1.07	0.407		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
SPLEEN	0.50	0.190		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
UTERUS	0.69	0.262		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
THYMUS	0.4683	0.178		OVARIES	PANCREAS	PHARYNX	PITUITARY
OVARIES/OVIDUCTS	0.1443	0.055		RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
ADRENAL GLANDS	0.0727	0.028		SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
FINAL BODY WT(G)	263.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	UTERUS	VAGINA	CERVIX
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90188 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LYMPH NODE, MAND	GROSS: DISCOLORATION, DARK RED				P
LIVER	9.03	3.344		BILATERAL				
BRAIN	1.99	0.737	LYMPH NODE, MAND	MICRO: HEMORRHAGE				2
KIDNEYS	2.27	0.841	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
HEART	1.02	0.378		MULTIFOVAL				
SPLEEN	0.60	0.222		VACUOLATION, CYTOPLASMIC				1
UTERUS	0.49	0.181		MULTIFOVAL				
THYMUS	0.4844	0.179	NO SIGNIFICANT					
OVARIES/OVIDUCTS	0.1685	0.062	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
ADRENAL GLANDS	0.0713	0.026		BRAIN	CECUM	COLON	DUODENUM	
FINAL BODY WT(G)	270.			PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
				ILEUM	JEJUNUM	KIDNEYS	LAC. GLAND EXOR	
				LIVER	LYMPH NODE, MES	LUNGS	LARYNX	
				MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	OVARIES	
				PANCREAS	PHARYNX	PITUITARY	RECTUM	
				SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	NASAL CAVITY	THYROID GLANDS	
				THYMUS	TONGUE	TRACHEA	URINARY BLADDER	
				UTERUS	VAGINA	CERVIX		

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

LYMPH NODE, MAND: DISCOLORATION, DARK RED

<====>LYMPH NODE, MAND: HEMORRHAGE

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90200 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	8.92	2.993		MULTIFOCAL				
BRAIN	1.69	0.567	NO SIGNIFICANT					
KIDNEYS	2.07	0.695	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	0.97	0.326		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.57	0.191		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.67	0.225		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.4248	0.143		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1549	0.052		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0808	0.027		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	298.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90201 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR	1
LIVER	8.54	3.175		MULTIFOCAL	
BRAIN	1.91	0.710	LUNGS	GROSS: DISCOLORATION, DARK RED	P
KIDNEYS	2.37	0.881		ALL LOBES	
HEART	1.10	0.409	LUNGS	MICRO: HEMORRHAGE	2
SPLEEN	0.62	0.230	NO SIGNIFICANT		
UTERUS	0.90	0.335	CHANGES OBSERVED	GROSS:ADRENAL GLANDS AORTA STERNUM FEMUR	
THYMUS	0.3753	0.140		BRAIN CECUM COLON DUODENUM	
OVARIES/OVIDUCTS	0.1277	0.047		PEYER'S PATCHES ESOPHAGUS EYES/OPTIC N. HEART	
ADRENAL GLANDS	0.0909	0.034		ILEUM JEJUNUM KIDNEYS LYMPH NODE, MAND	
FINAL BODY WT(G)	269.			LAC. GLAND EXOR LIVER LYMPH NODE, MES LARYNX	
				MAMMARY GLAND NERVE, SCIATIC OVIDUCTS OVARIES	
				PANCREAS PHARYNX PITUITARY RECTUM	
				SPINAL CORD SAL. GLAND MAND STOMACH SKELETAL MUSCLE	
				SKIN SPLEEN NASAL CAVITY THYROID GLANDS	
				THYMUS TONGUE TRACHEA URINARY BLADDER	
				UTERUS VAGINA CERVIX	

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

LUNGS: DISCOLORATION, DARK RED

<====>LUNGS: HEMORRHAGE

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90207 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	KIDNEYS	GROSS: AREA(S), DEPRESSED				P
LIVER	6.79	2.991		FEW, PINPOINT TO 1 MM IN DIAMETER, IN CORTEX, BILATERAL				
BRAIN	1.91	0.841	KIDNEYS	MICRO: INFLAMMATION, CHRONIC				1
KIDNEYS	2.06	0.907		INTERSTITIAL, FOCAL				
HEART	0.85	0.374		FIBROSIS, CORTICAL				1
SPLEEN	0.51	0.225		SUBCAPSULAR, FOCAL				
UTERUS	0.46	0.203	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
THYMUS	0.4232	0.186		MULTIFOCA				
OVARIES/OVIDUCTS	0.1185	0.052	NO SIGNIFICANT					
ADRENAL GLANDS	0.0780	0.034	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
FINAL BODY WT(G)	227.			BRAIN	CECUM	COLON	DUODENUM	
				PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
				ILEUM	JEJUNUM	LYMPH NODE, MAND	LAC. GLAND EXOR	
				LIVER	LYMPH NODE, MES	LUNGS	LARYNX	
				MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	OVARIES	
				PANCREAS	PHARYNX	PITUITARY	RECTUM	
				SPINAL CORD	SAL. GLAND MAND	STOMACH	SKELETAL MUSCLE	
				SKIN	SPLEEN	NASAL CAVITY	THYROID GLANDS	
				THYMUS	TONGUE	TRACHEA	URINARY BLADDER	
				UTERUS	VAGINA	CERVIX		

GROSS/MICRO CORRELATIONS
GROSS FINDING

<====> CONFIRMING MICROSCOPIC FINDING

KIDNEYS: AREA(S), DEPRESSED

<====>KIDNEYS: FIBROSIS, CORTICAL

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90216 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	NO SIGNIFICANT				
LIVER	8.46	3.241	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR
BRAIN	2.01	0.770		BRAIN	CECUM	COLON	DUODENUM
KIDNEYS	2.12	0.812		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART
HEART	1.05	0.402		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND
SPLEEN	0.65	0.249		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS
UTERUS	0.61	0.234		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS
THYMUS	0.4357	0.167		OVARIES	PANCREAS	PHARYNX	PITUITARY
OVARIES/OVIDUCTS	0.1728	0.066		RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH
ADRENAL GLANDS	0.0878	0.034		SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY
FINAL BODY WT(G)	261.			THYROID GLANDS	THYMUS	TONGUE	TRACHEA
				URINARY BLADDER	UTERUS	VAGINA	CERVIX
				MICRO:LIVER			

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90223 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				2
LIVER	9.45	3.339		MULTIFOCAL				
BRAIN	1.97	0.696	NO SIGNIFICANT					
KIDNEYS	2.72	0.961	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.07	0.378		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.49	0.173		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.50	0.177		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.3744	0.132		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1790	0.063		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0662	0.023		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	283.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90226 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	8.13	2.883		MULTIFOCAL				
BRAIN	1.94	0.688	NO SIGNIFICANT					
KIDNEYS	2.12	0.752	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.03	0.365		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.56	0.199		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.53	0.188		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.3544	0.126		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1485	0.053		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0644	0.023		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	282.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90237 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	9.00	2.812		MULTIFOCAL				
BRAIN	1.98	0.619	NO SIGNIFICANT					
KIDNEYS	2.73	0.853	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.14	0.356		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.61	0.191		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.59	0.184		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.5178	0.162		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1349	0.042		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0917	0.029		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	320.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A46 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL MACROSCOPIC AND MICROSCOPIC FINDINGS

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ANIMAL NO. 90240 GROUP 4: 300 MG/KG/DAY FEMALE SCHEDULED EUTH 02/05/08 DATE OF DEATH: 02/05/08 STUDY DAY: 56
GRADE

ORGAN WEIGHT	ABS.(G)	REL.	LIVER	MICRO: INFILTRATE, MONONUCLEAR				1
LIVER	7.19	2.996		MULTIFOCAL				
BRAIN	1.92	0.800	NO SIGNIFICANT					
KIDNEYS	1.95	0.813	CHANGES OBSERVED	GROSS:ADRENAL GLANDS	AORTA	STERNUM	FEMUR	
HEART	1.02	0.425		BRAIN	CECUM	COLON	DUODENUM	
SPLEEN	0.60	0.250		PEYER'S PATCHES	ESOPHAGUS	EYES/OPTIC N.	HEART	
UTERUS	0.52	0.217		ILEUM	JEJUNUM	KIDNEYS	LYMPH NODE, MAND	
THYMUS	0.4394	0.183		LAC. GLAND EXOR	LIVER	LYMPH NODE, MES	LUNGS	
OVARIES/OVIDUCTS	0.1291	0.054		LARYNX	MAMMARY GLAND	NERVE, SCIATIC	OVIDUCTS	
ADRENAL GLANDS	0.0677	0.028		OVARIES	PANCREAS	PHARYNX	PITUITARY	
FINAL BODY WT(G)	240.			RECTUM	SPINAL CORD	SAL. GLAND MAND	STOMACH	
				SKELETAL MUSCLE	SKIN	SPLEEN	NASAL CAVITY	
				THYROID GLANDS	THYMUS	TONGUE	TRACHEA	
				URINARY BLADDER	UTERUS	VAGINA	CERVIX	

GROSS GRADE CODE: 1-SLIGHT, 2-MODERATE, 3-MARKED, P-PRESENT

MICRO GRADE CODE: 1-MINIMAL, 2-MILD, 3-MODERATE, 4-SEVERE, P-PRESENT

PGRHv4.59
04/15/2008

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A47 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PAGE 1
WEEK 4

MALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90108	322.	1.94	10.43	2.74	0.55	1.45	0.82	2.81	0.4706	0.0469
90123	339.	2.02	11.13	3.07	0.79	1.31	1.03	3.38	0.6655	0.0734
90125	366.	2.17	12.97	3.42	0.64	1.54	1.01	3.35	0.5045	0.0558
90139	327.	2.00	9.57	2.92	0.49	1.20	0.95	2.95	0.4239	0.0584
90145	372.	1.88	11.88	3.30	0.72	1.40	1.02	3.56	0.6471	0.0558
90152	300.	2.08	9.62	2.80	0.52	1.22	0.90	2.99	0.3187	0.0563
90159	350.	1.99	10.94	3.04	0.55	1.35	1.05	3.32	0.4076	0.0603
90163	382.	1.99	12.50	3.32	0.68	1.53	0.87	3.32	0.4311	0.0654
90166	368.	2.14	12.00	3.05	0.72	1.38	1.07	3.15	0.6185	0.0704
90173	323.	2.03	9.48	2.92	0.59	1.26	0.96	3.62	0.3810	0.0534
MEAN	345.	2.02	11.05	3.06	0.63	1.36	0.97	3.25	0.4869	0.0596
S.D.	26.9	0.087	1.269	0.227	0.100	0.120	0.083	0.265	0.11941	0.00804
S.E.	8.5	0.028	0.401	0.072	0.032	0.038	0.026	0.084	0.03776	0.00254
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A47 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PAGE 2
WEEK 4

MALE GROUP: 0.3 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90118	317.	1.96	10.50	2.88	0.75	1.51	0.95	3.26	0.5165	0.0614
90124	340.	1.83	11.27	3.29	0.64	1.33	1.12	4.06	0.4699	0.0621
90127	344.	2.02	10.96	3.35	0.63	1.45	0.98	3.32	0.2744	0.0602
90134	335.	1.91	10.10	2.80	0.69	1.50	0.99	3.65	0.2940	0.0575
90138	360.	2.03	11.38	3.39	0.63	1.54	1.02	3.13	0.5140	0.0534
90144	338.	2.07	11.24	2.91	0.62	1.39	0.88	2.84	0.6774	0.0776
90148	341.	2.13	13.00	3.17	0.61	1.49	0.95	3.22	0.5066	0.0571
90151	369.	2.04	11.77	3.83	0.64	1.56	0.94	3.10	0.4808	0.0599
90157	339.	2.08	9.63	3.21	0.67	1.40	0.99	3.16	0.4589	0.0782
90167	366.	1.96	12.28	3.16	0.74	1.48	1.01	3.63	0.5667	0.0681
MEAN	345.	2.00	11.21	3.20	0.66	1.47	0.98	3.34	0.4759	0.0636
S.D.	15.8	0.089	1.000	0.300	0.050	0.072	0.063	0.350	0.11876	0.00847
S.E.	5.0	0.028	0.316	0.095	0.016	0.023	0.020	0.111	0.03755	0.00268
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A47 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PAGE 3
WEEK 4

MALE GROUP: 3 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90110	358.	2.05	13.16	3.40	0.64	1.40	1.05	3.39	0.5218	0.0627
90121	401.	1.99	12.96	3.21	0.81	1.75	1.04	3.91	0.5242	0.0792
90126	326.	2.01	11.54	3.23	0.57	1.27	1.05	3.29	0.3427	0.0603
90128	384.	1.97	16.23	3.72	0.79	1.64	1.08	3.43	0.6294	0.0702
90141	333.	2.01	13.25	3.06	0.54	1.38	0.96	3.22	0.4599	0.0659
90146	351.	1.91	14.11	3.13	0.74	1.26	1.11	3.29	0.3717	0.0827
90161	366.	2.22	14.52	3.52	0.63	1.40	1.06	3.37	0.5421	0.0561
90165	406.	2.09	16.12	3.76	0.81	1.84	0.97	2.93	0.5620	0.0819
90170	352.	2.04	13.18	3.32	0.88	1.41	1.22	3.79	0.4897	0.0717
90174	348.	1.97	12.46	3.28	0.51	1.35	0.88	3.07	0.4263	0.0600
MEAN	363.	2.03	13.75	3.36	0.69	1.47	1.04	3.37	0.4870	0.0691
S.D.	26.9	0.084	1.512	0.237	0.130	0.201	0.092	0.296	0.08824	0.00966
S.E.	8.5	0.027	0.478	0.075	0.041	0.064	0.029	0.094	0.02790	0.00305
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A47 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PAGE 4
WEEK 4

MALE GROUP: 30 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90119	358.	2.04	16.28	3.40	0.71	1.34	1.17	3.73	0.5298	0.0617
90130	352.	2.01	17.65	3.39	0.70	1.22	1.14	3.59	0.4487	0.0678
90131	330.	2.13	15.08	3.32	0.81	1.36	1.12	3.71	0.5905	0.0720
90132	353.	1.85	20.79	3.66	0.71	1.28	0.98	3.42	0.5574	0.0495
90135	361.	2.17	17.62	3.65	0.83	1.48	1.13	3.48	0.5367	0.0816
90136	370.	2.05	18.88	3.77	0.83	1.45	1.01	3.68	0.6395	0.0605
90142	380.	2.09	18.52	3.62	0.63	1.41	1.11	3.85	0.6944	0.0701
90143	342.	1.90	18.02	3.66	0.59	1.42	0.93	3.08	0.3807	0.0662
90162	344.	2.03	17.87	4.04	0.78	1.74	1.05	3.71	0.5896	0.0572
90171	334.	2.06	14.73	3.42	0.77	1.23	0.89	3.00	0.5325	0.0505
MEAN	352.	2.03	17.54	3.59	0.74	1.39	1.05	3.53	0.5500	0.0637
S.D.	15.6	0.097	1.802	0.218	0.083	0.151	0.096	0.285	0.08941	0.00992
S.E.	4.9	0.031	0.570	0.069	0.026	0.048	0.031	0.090	0.02827	0.00314
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A48 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PAGE 1
WEEK 4

FEMALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90175	237.	1.93	7.91	2.19	1.17	0.43	0.43	0.4262	0.1352	0.0739
90177	246.	1.88	8.79	2.19	1.06	0.64	0.69	0.5990	0.1633	0.0811
90192	215.	1.79	7.65	1.91	0.88	0.46	0.51	0.4651	0.1501	0.0907
90204	237.	1.87	7.66	1.91	1.04	0.57	0.34	0.6254	0.1491	0.0648
90209	239.	1.82	8.25	2.11	0.95	0.52	0.93	0.6322	0.1789	0.0802
90214	210.	1.74	7.16	4.01	0.94	0.47	0.95	0.3638	0.1377	0.0692
90224	242.	1.92	8.44	2.15	1.10	0.58	0.55	0.3745	0.1809	0.0907
90225	207.	1.82	7.02	1.95	0.91	0.65	0.56	0.3537	0.1282	0.0731
90232	207.	1.86	6.67	1.89	0.95	0.54	0.68	0.6073	0.1188	0.0777
90235	244.	1.89	8.37	2.08	1.15	0.42	0.54	0.4735	0.1465	0.0636
MEAN	228.	1.85	7.79	2.24	1.02	0.53	0.62	0.4921	0.1489	0.0765
S.D.	16.4	0.059	0.688	0.634	0.103	0.083	0.199	0.11400	0.02051	0.00951
S.E.	5.2	0.019	0.218	0.200	0.033	0.026	0.063	0.03605	0.00649	0.00301
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PAGE 2
WEEK 4

TABLE A48 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

FEMALE GROUP: 3 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90193	263.	1.86	8.80	2.12	1.00	0.52	0.38	0.5525	0.1358	0.0768
90199	250.	2.06	8.67	2.26	1.13	0.67	0.58	0.9401	0.1776	0.0762
90206	227.	2.02	7.22	2.08	1.00	0.64	0.47	0.4265	0.1330	0.0653
90210	239.	1.91	8.42	2.06	1.10	0.48	0.51	0.5622	0.1260	0.0741
90217	215.	1.95	7.98	2.27	0.97	0.44	0.53	0.4083	0.1555	0.0931
90221	213.	1.90	7.39	2.08	0.79	0.47	0.39	0.4853	0.1414	0.0713
90230	202.	1.91	6.83	1.72	0.98	0.41	0.50	0.3350	0.1362	0.0522
90234	243.	1.87	7.91	2.00	0.90	0.48	0.47	0.5992	0.1468	0.0666
90236	237.	1.84	7.48	2.25	1.16	0.51	0.91	0.4412	0.1381	0.0702
90244	218.	1.78	7.49	1.80	0.93	0.47	0.41	0.2867	0.1296	0.0723
MEAN	231.	1.91	7.82	2.06	1.00	0.51	0.52	0.5037	0.1420	0.0718
S.D.	19.0	0.083	0.652	0.186	0.112	0.083	0.153	0.18264	0.01510	0.01033
S.E.	6.0	0.026	0.206	0.059	0.035	0.026	0.048	0.05776	0.00477	0.00327
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PAGE 3
WEEK 4

TABLE A48 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

FEMALE GROUP: 30 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90178	223.	1.91	7.29	2.09	0.92	0.51	0.44	0.5901	0.1333	0.0551
90181	263.	1.80	8.39	2.09	1.34	0.62	0.65	0.6880	0.1543	0.0716
90191	248.	1.96	8.58	5.57	1.05	0.51	0.52	0.6220	0.1272	0.0873
90195	241.	2.05	9.53	2.24	1.17	0.62	0.42	0.5410	0.1530	0.0647
90202	249.	1.75	8.12	2.18	1.11	0.51	0.43	0.6308	0.1409	0.0670
90205	235.	1.93	8.67	2.05	0.96	0.48	0.86	0.5841	0.1838	0.0925
90212	230.	1.83	6.82	1.79	0.95	0.43	0.48	0.4552	0.1374	0.0764
90215	215.	1.94	6.99	1.86	0.87	0.55	0.38	0.4868	0.1375	0.0883
90219	205.	1.88	6.68	1.94	0.92	0.44	0.39	0.4207	0.1332	0.0652
90228	232.	1.87	8.37	2.25	0.96	0.53	0.83	0.5400	0.1454	0.0769
MEAN	234.	1.89	7.94	2.41	1.03	0.52	0.54	0.5559	0.1446	0.0745
S.D.	17.2	0.086	0.946	1.122	0.145	0.064	0.179	0.08371	0.01626	0.01207
S.E.	5.4	0.027	0.299	0.355	0.046	0.020	0.056	0.02647	0.00514	0.00382
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A48 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PAGE 4
WEEK 4

FEMALE GROUP: 300 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90176	198.	1.83	7.38	1.95	0.74	0.37	0.54	0.2743	0.1397	0.0628
90182	239.	1.97	9.71	2.15	1.27	0.60	0.57	0.5163	0.1669	0.1135
90183	239.	1.97	9.13	2.13	0.94	0.47	0.38	0.3928	0.1129	0.0720
90187	216.	1.80	7.94	1.89	0.87	0.45	0.41	0.5523	0.1455	0.0671
90190	213.	1.71	8.20	1.96	0.89	0.50	0.38	0.5543	0.1128	0.0750
90213	215.	1.85	7.95	1.72	0.88	0.46	0.61	0.3184	0.1471	0.0679
90220	206.	1.88	8.07	2.00	0.86	0.48	0.41	0.3500	0.1377	0.0600
90227	224.	1.75	7.81	2.09	1.05	0.45	0.38	0.5113	0.1164	0.0623
90231	238.	1.94	9.79	2.44	1.26	0.60	1.14	0.6231	0.1571	0.0747
90242	212.	1.77	8.20	1.84	1.22	0.42	0.45	0.3790	0.1277	0.0695
MEAN	220.	1.85	8.42	2.02	1.00	0.48	0.53	0.4472	0.1364	0.0725
S.D.	14.5	0.092	0.828	0.200	0.190	0.072	0.232	0.11827	0.01872	0.01530
S.E.	4.6	0.029	0.262	0.063	0.060	0.023	0.073	0.03740	0.00592	0.00484
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A49 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PAGE 1
WEEK 8

MALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90105	405.	2.00	12.22	3.12	0.68	1.29	1.07	2.86	0.3665	0.0624
90116	418.	1.97	13.49	3.30	0.87	1.52	1.21	2.88	0.4271	0.0526
90117	419.	2.11	13.01	3.42	0.75	1.46	1.25	3.58	0.3442	0.0657
90120	393.	1.99	11.42	3.19	0.71	1.42	1.11	2.90	0.3163	0.0569
90129	396.	2.03	12.32	3.68	0.65	1.43	0.68	1.97	0.1451	0.0535
90140	427.	2.05	12.69	3.68	0.87	1.35	1.30	3.25	0.2958	0.0619
90153	400.	1.96	10.56	2.96	0.70	1.17	1.05	3.04	0.4097	0.0431
90156	458.	2.06	14.55	3.87	0.81	1.66	1.24	3.11	0.3914	0.0626
90158	487.	2.18	14.06	3.70	0.94	1.87	1.28	3.31	0.4701	0.0661
90164	422.	2.10	11.72	3.37	0.69	1.41	1.36	3.45	0.4242	0.0683
MEAN	423.	2.05	12.60	3.43	0.77	1.46	1.16	3.04	0.3590	0.0593
S.D.	29.5	0.070	1.223	0.296	0.099	0.195	0.195	0.448	0.09231	0.00776
S.E.	9.3	0.022	0.387	0.093	0.031	0.062	0.062	0.142	0.02919	0.00245
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A49 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PAGE 2
WEEK 8

MALE GROUP: 30 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90109	427.	2.08	13.77	3.86	0.82	1.44	1.21	2.69	0.4376	0.0624
90111	391.	2.00	10.65	3.25	0.67	1.19	1.42	3.70	0.4188	0.0663
90112	361.	2.08	11.50	3.11	0.71	1.54	1.16	2.99	0.3924	0.0557
90114	349.	1.93	10.33	2.75	0.66	1.25	1.11	2.95	0.2621	0.0452
90115	446.	1.97	12.48	3.75	0.82	1.48	1.28	3.06	0.4256	0.0683
90133	427.	2.08	12.40	4.08	0.61	1.54	1.29	3.29	0.2866	0.0447
90149	372.	2.03	10.33	2.88	0.58	1.42	1.33	3.07	0.4921	0.0434
90160	372.	1.83	10.85	3.59	0.75	1.37	0.94	2.72	0.3185	0.0510
90168	431.	1.98	12.58	3.16	0.72	1.48	1.28	3.46	0.4722	0.0756
90172	406.	2.11	12.31	3.44	0.75	1.67	1.13	3.14	0.3231	0.0540
MEAN	398.	2.01	11.72	3.39	0.71	1.44	1.22	3.11	0.3829	0.0567
S.D.	33.8	0.086	1.162	0.433	0.081	0.141	0.136	0.312	0.08006	0.01111
S.E.	10.7	0.027	0.367	0.137	0.025	0.045	0.043	0.099	0.02532	0.00351
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A50 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PAGE 1
WEEK 8

FEMALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90179	252.	1.83	7.45	1.99	1.00	0.51	0.58	0.2570	0.1242	0.0633
90185	292.	2.09	9.07	2.20	1.13	0.56	0.84	0.4667	0.1269	0.0798
90194	293.	1.92	9.15	2.42	1.12	0.43	0.83	0.4142	0.1299	0.0753
90196	280.	2.07	8.30	2.24	1.20	0.62	0.43	0.4621	0.1394	0.0603
90197	337.	2.05	10.67	2.80	1.09	0.63	0.58	0.4046	0.1538	0.0813
90198	301.	1.94	9.47	2.30	1.23	0.52	0.51	0.3061	0.1285	0.0716
90203	262.	1.97	9.15	2.23	1.06	0.66	0.67	0.5988	0.1310	0.0839
90222	259.	1.98	8.09	2.27	0.97	0.56	0.90	0.4984	0.1366	0.0862
90229	264.	1.95	7.71	1.92	1.17	0.58	0.57	0.3752	0.1625	0.0631
90233	288.	2.00	8.53	2.43	1.04	0.70	1.10	0.5325	0.1665	0.0898
MEAN	283.	1.98	8.76	2.28	1.10	0.58	0.70	0.4316	0.1399	0.0755
S.D.	25.4	0.078	0.948	0.244	0.085	0.079	0.209	0.10285	0.01545	0.01049
S.E.	8.0	0.025	0.300	0.077	0.027	0.025	0.066	0.03253	0.00488	0.00332
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A50 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS AND FINAL BODY WEIGHTS [G]

PAGE 2
WEEK 8

FEMALE GROUP: 300 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90186	263.	1.86	8.43	2.35	1.07	0.50	0.69	0.4683	0.1443	0.0727
90188	270.	1.99	9.03	2.27	1.02	0.60	0.49	0.4844	0.1685	0.0713
90200	298.	1.69	8.92	2.07	0.97	0.57	0.67	0.4248	0.1549	0.0808
90201	269.	1.91	8.54	2.37	1.10	0.62	0.90	0.3753	0.1277	0.0909
90207	227.	1.91	6.79	2.06	0.85	0.51	0.46	0.4232	0.1185	0.0780
90216	261.	2.01	8.46	2.12	1.05	0.65	0.61	0.4357	0.1728	0.0878
90223	283.	1.97	9.45	2.72	1.07	0.49	0.50	0.3744	0.1790	0.0662
90226	282.	1.94	8.13	2.12	1.03	0.56	0.53	0.3544	0.1485	0.0644
90237	320.	1.98	9.00	2.73	1.14	0.61	0.59	0.5178	0.1349	0.0917
90240	240.	1.92	7.19	1.95	1.02	0.60	0.52	0.4394	0.1291	0.0677
MEAN	271.	1.92	8.39	2.28	1.03	0.57	0.60	0.4298	0.1478	0.0772
S.D.	26.8	0.092	0.836	0.271	0.079	0.055	0.132	0.05178	0.02073	0.01030
S.E.	8.5	0.029	0.264	0.086	0.025	0.017	0.042	0.01637	0.00656	0.00326
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A51 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PAGE 1
WEEK 4

MALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90108	322.	0.602	3.239	0.851	0.171	0.450	0.255	0.873	0.146	0.015
90123	339.	0.596	3.283	0.906	0.233	0.386	0.304	0.997	0.196	0.022
90125	366.	0.593	3.544	0.934	0.175	0.421	0.276	0.915	0.138	0.015
90139	327.	0.612	2.927	0.893	0.150	0.367	0.291	0.902	0.130	0.018
90145	372.	0.505	3.194	0.887	0.194	0.376	0.274	0.957	0.174	0.015
90152	300.	0.693	3.207	0.933	0.173	0.407	0.300	0.997	0.106	0.019
90159	350.	0.569	3.126	0.869	0.157	0.386	0.300	0.949	0.116	0.017
90163	382.	0.521	3.272	0.869	0.178	0.401	0.228	0.869	0.113	0.017
90166	368.	0.582	3.261	0.829	0.196	0.375	0.291	0.856	0.168	0.019
90173	323.	0.628	2.935	0.904	0.183	0.390	0.297	1.121	0.118	0.017
MEAN	345.	0.590	3.199	0.888	0.181	0.396	0.282	0.944	0.141	0.017
S.D.	26.9	0.0529	0.1782	0.0339	0.0232	0.0250	0.0242	0.0804	0.0301	0.0022
S.E.	8.5	0.0167	0.0564	0.0107	0.0073	0.0079	0.0076	0.0254	0.0095	0.0007
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A51 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PAGE 2
WEEK 4

MALE GROUP: 0.3 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90118	317.	0.618	3.312	0.909	0.237	0.476	0.300	1.028	0.163	0.019
90124	340.	0.538	3.315	0.968	0.188	0.391	0.329	1.194	0.138	0.018
90127	344.	0.587	3.186	0.974	0.183	0.422	0.285	0.965	0.080	0.018
90134	335.	0.570	3.015	0.836	0.206	0.448	0.296	1.090	0.088	0.017
90138	360.	0.564	3.161	0.942	0.175	0.428	0.283	0.869	0.143	0.015
90144	338.	0.612	3.325	0.861	0.183	0.411	0.260	0.840	0.200	0.023
90148	341.	0.625	3.812	0.930	0.179	0.437	0.279	0.944	0.149	0.017
90151	369.	0.553	3.190	1.038	0.173	0.423	0.255	0.840	0.130	0.016
90157	339.	0.614	2.841	0.947	0.198	0.413	0.292	0.932	0.135	0.023
90167	366.	0.536	3.355	0.863	0.202	0.404	0.276	0.992	0.155	0.019
MEAN	345.	0.582	3.251	0.927	0.192	0.425	0.286	0.969	0.138	0.019
S.D.	15.8	0.0341	0.2536	0.0614	0.0193	0.0241	0.0210	0.1128	0.0347	0.0027
S.E.	5.0	0.0108	0.0802	0.0194	0.0061	0.0076	0.0066	0.0357	0.0110	0.0008
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A51 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PAGE 3
WEEK 4

MALE GROUP: 3 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90110	358.	0.573	3.676	0.950	0.179	0.391	0.293	0.947	0.146	0.018
90121	401.	0.496	3.232	0.800	0.202	0.436	0.259	0.975	0.131	0.020
90126	326.	0.617	3.540	0.991	0.175	0.390	0.322	1.009	0.105	0.018
90128	384.	0.513	4.227	0.969	0.206	0.427	0.281	0.893	0.164	0.018
90141	333.	0.604	3.979	0.919	0.162	0.414	0.288	0.967	0.138	0.020
90146	351.	0.544	4.020	0.892	0.211	0.359	0.316	0.937	0.106	0.024
90161	366.	0.607	3.967	0.962	0.172	0.383	0.290	0.921	0.148	0.015
90165	406.	0.515	3.970	0.926	0.200	0.453	0.239	0.722	0.138	0.020
90170	352.	0.580	3.744	0.943	0.250	0.401	0.347	1.077	0.139	0.020
90174	348.	0.566	3.580	0.943	0.147	0.388	0.253	0.882	0.123	0.017
MEAN	363.	0.562	3.794	0.930	0.190	0.404	0.289	0.933	0.134	0.019
S.D.	26.9	0.0429	0.2937	0.0532	0.0295	0.0282	0.0333	0.0934	0.0184	0.0024
S.E.	8.5	0.0136	0.0929	0.0168	0.0093	0.0089	0.0105	0.0295	0.0058	0.0008
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A51 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PAGE 4
WEEK 4

MALE GROUP: 30 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90119	358.	0.570	4.547	0.950	0.198	0.374	0.327	1.042	0.148	0.017
90130	352.	0.571	5.014	0.963	0.199	0.347	0.324	1.020	0.127	0.019
90131	330.	0.645	4.570	1.006	0.245	0.412	0.339	1.124	0.179	0.022
90132	353.	0.524	5.890	1.037	0.201	0.363	0.278	0.969	0.158	0.014
90135	361.	0.601	4.881	1.011	0.230	0.410	0.313	0.964	0.149	0.023
90136	370.	0.554	5.103	1.019	0.224	0.392	0.273	0.995	0.173	0.016
90142	380.	0.550	4.874	0.953	0.166	0.371	0.292	1.013	0.183	0.018
90143	342.	0.556	5.269	1.070	0.173	0.415	0.272	0.901	0.111	0.019
90162	344.	0.590	5.195	1.174	0.227	0.506	0.305	1.078	0.171	0.017
90171	334.	0.617	4.410	1.024	0.231	0.368	0.266	0.898	0.159	0.015
MEAN	352.	0.578	4.975	1.021	0.209	0.396	0.299	1.000	0.156	0.018
S.D.	15.6	0.0358	0.4315	0.0662	0.0262	0.0451	0.0263	0.0717	0.0230	0.0029
S.E.	4.9	0.0113	0.1364	0.0209	0.0083	0.0143	0.0083	0.0227	0.0073	0.0009
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PAGE 1
WEEK 4

TABLE A52 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

FEMALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90175	237.	0.814	3.338	0.924	0.494	0.181	0.181	0.180	0.057	0.031
90177	246.	0.764	3.573	0.890	0.431	0.260	0.280	0.243	0.066	0.033
90192	215.	0.833	3.558	0.888	0.409	0.214	0.237	0.216	0.070	0.042
90204	237.	0.789	3.232	0.806	0.439	0.241	0.143	0.264	0.063	0.027
90209	239.	0.762	3.452	0.883	0.397	0.218	0.389	0.265	0.075	0.034
90214	210.	0.829	3.410	1.910	0.448	0.224	0.452	0.173	0.066	0.033
90224	242.	0.793	3.488	0.888	0.455	0.240	0.227	0.155	0.075	0.037
90225	207.	0.879	3.391	0.942	0.440	0.314	0.271	0.171	0.062	0.035
90232	207.	0.899	3.222	0.913	0.459	0.261	0.329	0.293	0.057	0.038
90235	244.	0.775	3.430	0.852	0.471	0.172	0.221	0.194	0.060	0.026
MEAN	228.	0.814	3.409	0.990	0.444	0.233	0.273	0.215	0.065	0.034
S.D.	16.4	0.0469	0.1199	0.3256	0.0284	0.0412	0.0944	0.0480	0.0066	0.0049
S.E.	5.2	0.0148	0.0379	0.1030	0.0090	0.0130	0.0298	0.0152	0.0021	0.0015
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PAGE 2
WEEK 4

TABLE A52 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

FEMALE GROUP: 3 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90193	263.	0.707	3.346	0.806	0.380	0.198	0.144	0.210	0.052	0.029
90199	250.	0.824	3.468	0.904	0.452	0.268	0.232	0.376	0.071	0.030
90206	227.	0.890	3.181	0.916	0.441	0.282	0.207	0.188	0.059	0.029
90210	239.	0.799	3.523	0.862	0.460	0.201	0.213	0.235	0.053	0.031
90217	215.	0.907	3.712	1.056	0.451	0.205	0.247	0.190	0.072	0.043
90221	213.	0.892	3.469	0.977	0.371	0.221	0.183	0.228	0.066	0.033
90230	202.	0.946	3.381	0.851	0.485	0.203	0.248	0.166	0.067	0.026
90234	243.	0.770	3.255	0.823	0.370	0.198	0.193	0.247	0.060	0.027
90236	237.	0.776	3.156	0.949	0.489	0.215	0.384	0.186	0.058	0.030
90244	218.	0.817	3.436	0.826	0.427	0.216	0.188	0.132	0.059	0.033
MEAN	231.	0.833	3.393	0.897	0.433	0.221	0.224	0.216	0.062	0.031
S.D.	19.0	0.0742	0.1681	0.0795	0.0447	0.0299	0.0646	0.0658	0.0070	0.0047
S.E.	6.0	0.0235	0.0532	0.0252	0.0141	0.0094	0.0204	0.0208	0.0022	0.0015
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PAGE 3
WEEK 4

TABLE A52 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

FEMALE GROUP: 30 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90178	223.	0.857	3.269	0.937	0.413	0.229	0.197	0.265	0.060	0.025
90181	263.	0.684	3.190	0.795	0.510	0.236	0.247	0.262	0.059	0.027
90191	248.	0.790	3.460	2.246	0.423	0.206	0.210	0.251	0.051	0.035
90195	241.	0.851	3.954	0.929	0.485	0.257	0.174	0.224	0.063	0.027
90202	249.	0.703	3.261	0.876	0.446	0.205	0.173	0.253	0.057	0.027
90205	235.	0.821	3.689	0.872	0.409	0.204	0.366	0.249	0.078	0.039
90212	230.	0.796	2.965	0.778	0.413	0.187	0.209	0.198	0.060	0.033
90215	215.	0.902	3.251	0.865	0.405	0.256	0.177	0.226	0.064	0.041
90219	205.	0.917	3.259	0.946	0.449	0.215	0.190	0.205	0.065	0.032
90228	232.	0.806	3.608	0.970	0.414	0.228	0.358	0.233	0.063	0.033
MEAN	234.	0.813	3.391	1.021	0.437	0.222	0.230	0.237	0.062	0.032
S.D.	17.2	0.0759	0.2883	0.4349	0.0358	0.0231	0.0729	0.0232	0.0069	0.0054
S.E.	5.4	0.0240	0.0912	0.1375	0.0113	0.0073	0.0231	0.0073	0.0022	0.0017
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PAGE 4
WEEK 4

TABLE A52 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

FEMALE GROUP: 300 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90176	198.	0.924	3.727	0.985	0.374	0.187	0.273	0.139	0.071	0.032
90182	239.	0.824	4.063	0.900	0.531	0.251	0.238	0.216	0.070	0.047
90183	239.	0.824	3.820	0.891	0.393	0.197	0.159	0.164	0.047	0.030
90187	216.	0.833	3.676	0.875	0.403	0.208	0.190	0.256	0.067	0.031
90190	213.	0.803	3.850	0.920	0.418	0.235	0.178	0.260	0.053	0.035
90213	215.	0.860	3.698	0.800	0.409	0.214	0.284	0.148	0.068	0.032
90220	206.	0.913	3.917	0.971	0.417	0.233	0.199	0.170	0.067	0.029
90227	224.	0.781	3.487	0.933	0.469	0.201	0.170	0.228	0.052	0.028
90231	238.	0.815	4.113	1.025	0.529	0.252	0.479	0.262	0.066	0.031
90242	212.	0.835	3.868	0.868	0.575	0.198	0.212	0.179	0.060	0.033
MEAN	220.	0.841	3.822	0.917	0.452	0.218	0.238	0.202	0.062	0.033
S.D.	14.5	0.0457	0.1864	0.0652	0.0697	0.0235	0.0945	0.0479	0.0085	0.0054
S.E.	4.6	0.0145	0.0589	0.0206	0.0221	0.0074	0.0299	0.0151	0.0027	0.0017
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A53 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PAGE 1
WEEK 8

MALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90105	405.	0.494	3.017	0.770	0.168	0.319	0.264	0.706	0.090	0.015
90116	418.	0.471	3.227	0.789	0.208	0.364	0.289	0.689	0.102	0.013
90117	419.	0.504	3.105	0.816	0.179	0.348	0.298	0.854	0.082	0.016
90120	393.	0.506	2.906	0.812	0.181	0.361	0.282	0.738	0.080	0.014
90129	396.	0.513	3.111	0.929	0.164	0.361	0.172	0.497	0.037	0.014
90140	427.	0.480	2.972	0.862	0.204	0.316	0.304	0.761	0.069	0.014
90153	400.	0.490	2.640	0.740	0.175	0.293	0.263	0.760	0.102	0.011
90156	458.	0.450	3.177	0.845	0.177	0.362	0.271	0.679	0.085	0.014
90158	487.	0.448	2.887	0.760	0.193	0.384	0.263	0.680	0.097	0.014
90164	422.	0.498	2.777	0.799	0.164	0.334	0.322	0.818	0.101	0.016
MEAN	423.	0.485	2.982	0.812	0.181	0.344	0.273	0.718	0.085	0.014
S.D.	29.5	0.0228	0.1841	0.0554	0.0156	0.0279	0.0406	0.0974	0.0200	0.0014
S.E.	9.3	0.0072	0.0582	0.0175	0.0049	0.0088	0.0128	0.0308	0.0063	0.0005
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A53 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PAGE 2
WEEK 8

MALE GROUP: 30 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90109	427.	0.487	3.225	0.904	0.192	0.337	0.283	0.630	0.102	0.015
90111	391.	0.512	2.724	0.831	0.171	0.304	0.363	0.946	0.107	0.017
90112	361.	0.576	3.186	0.861	0.197	0.427	0.321	0.828	0.109	0.015
90114	349.	0.553	2.960	0.788	0.189	0.358	0.318	0.845	0.075	0.013
90115	446.	0.442	2.798	0.841	0.184	0.332	0.287	0.686	0.095	0.015
90133	427.	0.487	2.904	0.956	0.143	0.361	0.302	0.770	0.067	0.010
90149	372.	0.546	2.777	0.774	0.156	0.382	0.358	0.825	0.132	0.012
90160	372.	0.492	2.917	0.965	0.202	0.368	0.253	0.731	0.086	0.014
90168	431.	0.459	2.919	0.733	0.167	0.343	0.297	0.803	0.110	0.018
90172	406.	0.520	3.032	0.847	0.185	0.411	0.278	0.773	0.080	0.013
MEAN	398.	0.507	2.944	0.850	0.179	0.362	0.306	0.784	0.096	0.014
S.D.	33.8	0.0424	0.1654	0.0755	0.0189	0.0370	0.0348	0.0884	0.0196	0.0023
S.E.	10.7	0.0134	0.0523	0.0239	0.0060	0.0117	0.0110	0.0280	0.0062	0.0007
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A54 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PAGE 1
WEEK 8

FEMALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90179	252.	0.726	2.956	0.790	0.397	0.202	0.230	0.102	0.049	0.025
90185	292.	0.716	3.106	0.753	0.387	0.192	0.288	0.160	0.043	0.027
90194	293.	0.655	3.123	0.826	0.382	0.147	0.283	0.141	0.044	0.026
90196	280.	0.739	2.964	0.800	0.429	0.221	0.154	0.165	0.050	0.022
90197	337.	0.608	3.166	0.831	0.323	0.187	0.172	0.120	0.046	0.024
90198	301.	0.645	3.146	0.764	0.409	0.173	0.169	0.102	0.043	0.024
90203	262.	0.752	3.492	0.851	0.405	0.252	0.256	0.229	0.050	0.032
90222	259.	0.764	3.124	0.876	0.375	0.216	0.347	0.192	0.053	0.033
90229	264.	0.739	2.920	0.727	0.443	0.220	0.216	0.142	0.062	0.024
90233	288.	0.694	2.962	0.844	0.361	0.243	0.382	0.185	0.058	0.031
MEAN	283.	0.704	3.096	0.806	0.391	0.205	0.250	0.154	0.050	0.027
S.D.	25.4	0.0518	0.1673	0.0477	0.0343	0.0319	0.0766	0.0409	0.0064	0.0039
S.E.	8.0	0.0164	0.0529	0.0151	0.0108	0.0101	0.0242	0.0129	0.0020	0.0012
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A54 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WTS. RELATIVE TO FINAL BODY WTS. [G/100 G]

PAGE 2
WEEK 8

FEMALE GROUP: 300 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90186	263.	0.707	3.205	0.894	0.407	0.190	0.262	0.178	0.055	0.028
90188	270.	0.737	3.344	0.841	0.378	0.222	0.181	0.179	0.062	0.026
90200	298.	0.567	2.993	0.695	0.326	0.191	0.225	0.143	0.052	0.027
90201	269.	0.710	3.175	0.881	0.409	0.230	0.335	0.140	0.047	0.034
90207	227.	0.841	2.991	0.907	0.374	0.225	0.203	0.186	0.052	0.034
90216	261.	0.770	3.241	0.812	0.402	0.249	0.234	0.167	0.066	0.034
90223	283.	0.696	3.339	0.961	0.378	0.173	0.177	0.132	0.063	0.023
90226	282.	0.688	2.883	0.752	0.365	0.199	0.188	0.126	0.053	0.023
90237	320.	0.619	2.813	0.853	0.356	0.191	0.184	0.162	0.042	0.029
90240	240.	0.800	2.996	0.813	0.425	0.250	0.217	0.183	0.054	0.028
MEAN	271.	0.714	3.098	0.841	0.382	0.212	0.221	0.160	0.055	0.029
S.D.	26.8	0.0809	0.1876	0.0776	0.0294	0.0268	0.0485	0.0225	0.0074	0.0042
S.E.	8.5	0.0256	0.0593	0.0245	0.0093	0.0085	0.0153	0.0071	0.0023	0.0013
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A55 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 1
WEEK 4

MALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90108	322.	1.94	537.629	141.237	28.351	74.742	42.268	144.845	24.258	2.418
90123	339.	2.02	550.990	151.980	39.109	64.851	50.990	167.327	32.946	3.634
90125	366.	2.17	597.696	157.604	29.493	70.968	46.544	154.378	23.249	2.571
90139	327.	2.00	478.500	146.000	24.500	60.000	47.500	147.500	21.195	2.920
90145	372.	1.88	631.915	175.532	38.298	74.468	54.255	189.362	34.420	2.968
90152	300.	2.08	462.500	134.615	25.000	58.654	43.269	143.750	15.322	2.707
90159	350.	1.99	549.749	152.764	27.638	67.839	52.764	166.834	20.482	3.030
90163	382.	1.99	628.141	166.834	34.171	76.884	43.719	166.834	21.663	3.286
90166	368.	2.14	560.748	142.523	33.645	64.486	50.000	147.196	28.902	3.290
90173	323.	2.03	466.995	143.842	29.064	62.069	47.291	178.325	18.768	2.631
MEAN	345.	2.02	546.486	151.293	30.927	67.496	47.860	160.635	24.121	2.946
S.D.	26.9	0.087	62.2678	12.5222	5.1489	6.5090	4.0961	15.5868	6.1600	0.3788
S.E.	8.5	0.028	19.6908	3.9599	1.6282	2.0583	1.2953	4.9290	1.9480	0.1198
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A55 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 2
WEEK 4

MALE GROUP: 0.3 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90118	317.	1.96	535.714	146.939	38.265	77.041	48.469	166.327	26.352	3.133
90124	340.	1.83	615.847	179.781	34.973	72.678	61.202	221.858	25.678	3.393
90127	344.	2.02	542.574	165.842	31.188	71.782	48.515	164.356	13.584	2.980
90134	335.	1.91	528.796	146.597	36.126	78.534	51.832	191.099	15.393	3.010
90138	360.	2.03	560.591	166.995	31.034	75.862	50.246	154.187	25.320	2.631
90144	338.	2.07	542.995	140.580	29.952	67.150	42.512	137.198	32.725	3.749
90148	341.	2.13	610.329	148.826	28.638	69.953	44.601	151.174	23.784	2.681
90151	369.	2.04	576.961	187.745	31.373	76.471	46.078	151.961	23.569	2.936
90157	339.	2.08	462.981	154.327	32.212	67.308	47.596	151.923	22.063	3.760
90167	366.	1.96	626.531	161.224	37.755	75.510	51.531	185.204	28.913	3.474
MEAN	345.	2.00	560.332	159.886	33.152	73.229	49.258	167.529	23.738	3.175
S.D.	15.8	0.089	49.3673	15.3836	3.3747	4.0888	5.1281	25.1274	5.7371	0.4045
S.E.	5.0	0.028	15.6113	4.8647	1.0672	1.2930	1.6216	7.9460	1.8142	0.1279
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A55 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 3
WEEK 4

MALE GROUP: 3 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90110	358.	2.05	641.951	165.854	31.220	68.293	51.220	165.366	25.454	3.059
90121	401.	1.99	651.256	161.307	40.704	87.940	52.261	196.482	26.342	3.980
90126	326.	2.01	574.129	160.697	28.358	63.184	52.239	163.682	17.050	3.000
90128	384.	1.97	823.858	188.832	40.102	83.249	54.822	174.112	31.949	3.563
90141	333.	2.01	659.204	152.239	26.866	68.657	47.761	160.199	22.881	3.279
90146	351.	1.91	738.744	163.874	38.743	65.969	58.115	172.251	19.461	4.330
90161	366.	2.22	654.054	158.559	28.378	63.063	47.748	151.802	24.419	2.527
90165	406.	2.09	771.292	179.904	38.756	88.038	46.411	140.191	26.890	3.919
90170	352.	2.04	646.079	162.745	43.137	69.118	59.804	185.784	24.005	3.515
90174	348.	1.97	632.487	166.497	25.888	68.528	44.670	155.838	21.640	3.046
MEAN	363.	2.03	679.305	166.051	34.215	72.604	51.505	166.571	24.009	3.422
S.D.	26.9	0.084	74.8864	10.6711	6.6515	9.8513	5.0062	16.4403	4.1505	0.5461
S.E.	8.5	0.027	23.6812	3.3745	2.1034	3.1153	1.5831	5.1989	1.3125	0.1727
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A55 (WEEK 4 PRIMARY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 4
WEEK 4

MALE GROUP: 30 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90119	358.	2.04	798.039	166.667	34.804	65.686	57.353	182.843	25.971	3.025
90130	352.	2.01	878.109	168.657	34.826	60.697	56.716	178.607	22.323	3.373
90131	330.	2.13	707.981	155.869	38.028	63.850	52.582	174.178	27.723	3.380
90132	353.	1.85	1123.784	197.838	38.378	69.189	52.973	184.865	30.130	2.676
90135	361.	2.17	811.982	168.203	38.249	68.203	52.074	160.369	24.733	3.760
90136	370.	2.05	920.976	183.902	40.488	70.732	49.268	179.512	31.195	2.951
90142	380.	2.09	886.125	173.206	30.144	67.464	53.110	184.211	33.225	3.354
90143	342.	1.90	948.421	192.632	31.053	74.737	48.947	162.105	20.037	3.484
90162	344.	2.03	880.296	199.015	38.424	85.714	51.724	182.759	29.044	2.818
90171	334.	2.06	715.049	166.019	37.379	59.709	43.204	145.631	25.850	2.451
MEAN	352.	2.03	867.076	177.201	36.177	68.598	51.795	173.508	27.023	3.127
S.D.	15.6	0.097	121.2461	15.0766	3.3994	7.5237	4.0446	13.1595	4.0650	0.4084
S.E.	4.9	0.031	38.3414	4.7676	1.0750	2.3792	1.2790	4.1614	1.2855	0.1292
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PAGE 1
WEEK 4

TABLE A56 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

FEMALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90175	237.	1.93	409.845	113.472	60.622	22.280	22.280	22.083	7.005	3.829
90177	246.	1.88	467.553	116.489	56.383	34.043	36.702	31.862	8.686	4.314
90192	215.	1.79	427.374	106.704	49.162	25.698	28.492	25.983	8.385	5.067
90204	237.	1.87	409.626	102.139	55.615	30.481	18.182	33.444	7.973	3.465
90209	239.	1.82	453.297	115.934	52.198	28.571	51.099	34.736	9.830	4.407
90214	210.	1.74	411.494	230.460	54.023	27.011	54.598	20.908	7.914	3.977
90224	242.	1.92	439.583	111.979	57.292	30.208	28.646	19.505	9.422	4.724
90225	207.	1.82	385.714	107.143	50.000	35.714	30.769	19.434	7.044	4.016
90232	207.	1.86	358.602	101.613	51.075	29.032	36.559	32.651	6.387	4.177
90235	244.	1.89	442.857	110.053	60.847	22.222	28.571	25.053	7.751	3.365
MEAN	228.	1.85	420.595	121.599	54.722	28.526	33.590	26.566	8.040	4.134
S.D.	16.4	0.059	32.5834	38.6002	4.1614	4.4480	11.6204	6.0973	1.0827	0.5268
S.E.	5.2	0.019	10.3038	12.2065	1.3160	1.4066	3.6747	1.9281	0.3424	0.1666
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A56 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 2
WEEK 4

FEMALE GROUP: 3 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90193	263.	1.86	473.118	113.978	53.763	27.957	20.430	29.704	7.301	4.129
90199	250.	2.06	420.874	109.709	54.854	32.524	28.155	45.636	8.621	3.699
90206	227.	2.02	357.426	102.970	49.505	31.683	23.267	21.114	6.584	3.233
90210	239.	1.91	440.838	107.853	57.592	25.131	26.702	29.435	6.597	3.880
90217	215.	1.95	409.231	116.410	49.744	22.564	27.179	20.938	7.974	4.774
90221	213.	1.90	388.947	109.474	41.579	24.737	20.526	25.542	7.442	3.753
90230	202.	1.91	357.592	90.052	51.309	21.466	26.178	17.539	7.131	2.733
90234	243.	1.87	422.995	106.952	48.128	25.668	25.134	32.043	7.850	3.561
90236	237.	1.84	406.522	122.283	63.043	27.717	49.457	23.978	7.505	3.815
90244	218.	1.78	420.787	101.124	52.247	26.404	23.034	16.107	7.281	4.062
MEAN	231.	1.91	409.833	108.081	52.176	26.585	27.006	26.204	7.429	3.764
S.D.	19.0	0.083	35.4411	8.8902	5.7697	3.5465	8.3311	8.6310	0.6177	0.5425
S.E.	6.0	0.026	11.2074	2.8113	1.8245	1.1215	2.6345	2.7294	0.1953	0.1716
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A56 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 3
WEEK 4

FEMALE GROUP: 30 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90178	223.	1.91	381.675	109.424	48.168	26.702	23.037	30.895	6.979	2.885
90181	263.	1.80	466.111	116.111	74.444	34.444	36.111	38.222	8.572	3.978
90191	248.	1.96	437.755	284.184	53.571	26.020	26.531	31.735	6.490	4.454
90195	241.	2.05	464.878	109.268	57.073	30.244	20.488	26.390	7.463	3.156
90202	249.	1.75	464.000	124.571	63.429	29.143	24.571	36.046	8.051	3.829
90205	235.	1.93	449.223	106.218	49.741	24.870	44.560	30.264	9.523	4.793
90212	230.	1.83	372.678	97.814	51.913	23.497	26.230	24.874	7.508	4.175
90215	215.	1.94	360.309	95.876	44.845	28.351	19.588	25.093	7.088	4.552
90219	205.	1.88	355.319	103.191	48.936	23.404	20.745	22.378	7.085	3.468
90228	232.	1.87	447.594	120.321	51.337	28.342	44.385	28.877	7.775	4.112
MEAN	234.	1.89	419.954	126.698	54.346	27.502	28.625	29.477	7.653	3.940
S.D.	17.2	0.086	46.5017	56.0928	8.7455	3.3735	9.5806	5.0338	0.8832	0.6160
S.E.	5.4	0.027	14.7051	17.7381	2.7656	1.0668	3.0297	1.5918	0.2793	0.1948
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A56 (WEEK 4 PRIMARY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 4
WEEK 4

FEMALE GROUP: 300 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90176	198.	1.83	403.279	106.557	40.437	20.219	29.508	14.989	7.634	3.432
90182	239.	1.97	492.893	109.137	64.467	30.457	28.934	26.208	8.472	5.761
90183	239.	1.97	463.452	108.122	47.716	23.858	19.289	19.939	5.731	3.655
90187	216.	1.80	441.111	105.000	48.333	25.000	22.778	30.683	8.083	3.728
90190	213.	1.71	479.532	114.620	52.047	29.240	22.222	32.415	6.596	4.386
90213	215.	1.85	429.730	92.973	47.568	24.865	32.973	17.211	7.951	3.670
90220	206.	1.88	429.255	106.383	45.745	25.532	21.809	18.617	7.324	3.191
90227	224.	1.75	446.286	119.429	60.000	25.714	21.714	29.217	6.651	3.560
90231	238.	1.94	504.639	125.773	64.948	30.928	58.763	32.119	8.098	3.851
90242	212.	1.77	463.277	103.955	68.927	23.729	25.424	21.412	7.215	3.927
MEAN	220.	1.85	455.345	109.195	54.019	25.954	28.341	24.281	7.376	3.916
S.D.	14.5	0.092	31.4214	9.0261	9.7589	3.3397	11.5185	6.6009	0.8491	0.7211
S.E.	4.6	0.029	9.9363	2.8543	3.0860	1.0561	3.6425	2.0874	0.2685	0.2280
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A57 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 1
WEEK 8

MALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90105	405.	2.00	611.000	156.000	34.000	64.500	53.500	143.000	18.325	3.120
90116	418.	1.97	684.772	167.513	44.162	77.157	61.421	146.193	21.680	2.670
90117	419.	2.11	616.588	162.085	35.545	69.194	59.242	169.668	16.313	3.114
90120	393.	1.99	573.869	160.302	35.678	71.357	55.779	145.729	15.894	2.859
90129	396.	2.03	606.897	181.281	32.020	70.443	33.498	97.044	7.148	2.635
90140	427.	2.05	619.024	179.512	42.439	65.854	63.415	158.537	14.429	3.020
90153	400.	1.96	538.776	151.020	35.714	59.694	53.571	155.102	20.903	2.199
90156	458.	2.06	706.311	187.864	39.320	80.583	60.194	150.971	19.000	3.039
90158	487.	2.18	644.954	169.725	43.119	85.780	58.716	151.835	21.564	3.032
90164	422.	2.10	558.095	160.476	32.857	67.143	64.762	164.286	20.200	3.252
MEAN	423.	2.05	616.029	167.578	37.485	71.171	56.410	148.237	17.546	2.894
S.D.	29.5	0.070	52.6339	11.9634	4.4451	7.9094	8.9037	19.8582	4.4266	0.3136
S.E.	9.3	0.022	16.6443	3.7832	1.4057	2.5012	2.8156	6.2797	1.3998	0.0992
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205M
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A57 (WEEK 8 RECOVERY NECROPSY - MALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 2
WEEK 8

MALE GROUP: 30 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	SPLEEN	HEART	EPIDID YMIDES	TESTES	THYMUS	ADRENAL GLANDS
90109	427.	2.08	662.019	185.577	39.423	69.231	58.173	129.327	21.038	3.000
90111	391.	2.00	532.500	162.500	33.500	59.500	71.000	185.000	20.940	3.315
90112	361.	2.08	552.885	149.519	34.135	74.038	55.769	143.750	18.865	2.678
90114	349.	1.93	535.233	142.487	34.197	64.767	57.513	152.850	13.580	2.342
90115	446.	1.97	633.503	190.355	41.624	75.127	64.975	155.330	21.604	3.467
90133	427.	2.08	596.154	196.154	29.327	74.038	62.019	158.173	13.779	2.149
90149	372.	2.03	508.867	141.872	28.571	69.951	65.517	151.232	24.241	2.138
90160	372.	1.83	592.896	196.175	40.984	74.863	51.366	148.634	17.404	2.787
90168	431.	1.98	635.354	159.596	36.364	74.747	64.646	174.747	23.848	3.818
90172	406.	2.11	583.412	163.033	35.545	79.147	53.555	148.815	15.313	2.559
MEAN	398.	2.01	583.282	168.727	35.367	71.541	60.453	154.786	19.061	2.825
S.D.	33.8	0.086	50.5969	21.5782	4.4374	5.8045	6.1761	15.5739	3.9218	0.5701
S.E.	10.7	0.027	16.0001	6.8236	1.4032	1.8356	1.9531	4.9249	1.2402	0.1803
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A58 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 1
WEEK 8

FEMALE GROUP: 0 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90179	252.	1.83	407.104	108.743	54.645	27.869	31.694	14.044	6.787	3.459
90185	292.	2.09	433.971	105.263	54.067	26.794	40.191	22.330	6.072	3.818
90194	293.	1.92	476.563	126.042	58.333	22.396	43.229	21.573	6.766	3.922
90196	280.	2.07	400.966	108.213	57.971	29.952	20.773	22.324	6.734	2.913
90197	337.	2.05	520.488	136.585	53.171	30.732	28.293	19.737	7.502	3.966
90198	301.	1.94	488.144	118.557	63.402	26.804	26.289	15.778	6.624	3.691
90203	262.	1.97	464.467	113.198	53.807	33.503	34.010	30.396	6.650	4.259
90222	259.	1.98	408.586	114.646	48.990	28.283	45.455	25.172	6.899	4.354
90229	264.	1.95	395.385	98.462	60.000	29.744	29.231	19.241	8.333	3.236
90233	288.	2.00	426.500	121.500	52.000	35.000	55.000	26.625	8.325	4.490
MEAN	283.	1.98	442.217	115.121	55.639	29.108	35.417	21.722	7.069	3.811
S.D.	25.4	0.078	42.7970	11.0529	4.2470	3.5857	10.3853	4.9025	0.7485	0.5020
S.E.	8.0	0.025	13.5336	3.4952	1.3430	1.1339	3.2841	1.5503	0.2367	0.1588
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

PROJECT NO.:WIL-189205F
SPONSOR:E.I. DUPONT
SPONSOR NO.:DUPONT-24447

TABLE A58 (WEEK 8 RECOVERY NECROPSY - FEMALES)
A 28-DAY ORAL STUDY OF H-28397 IN RATS WITH 28-DAY RECOVERY
INDIVIDUAL ORGAN WEIGHTS RELATIVE TO BRAIN WEIGHTS [G/100 G]

PAGE 2
WEEK 8

FEMALE GROUP: 300 MG/KG/DAY

ANIMAL	FBW(G)	BRAIN WT (GRAMS)	LIVER	KIDNEYS	HEART	SPLEEN	UTERUS	THYMUS	OVARIES/ OVIDUCTS	ADRENAL GLANDS
90186	263.	1.86	453.226	126.344	57.527	26.882	37.097	25.177	7.758	3.909
90188	270.	1.99	453.769	114.070	51.256	30.151	24.623	24.342	8.467	3.583
90200	298.	1.69	527.811	122.485	57.396	33.728	39.645	25.136	9.166	4.781
90201	269.	1.91	447.120	124.084	57.592	32.461	47.120	19.649	6.686	4.759
90207	227.	1.91	355.497	107.853	44.503	26.702	24.084	22.157	6.204	4.084
90216	261.	2.01	420.896	105.473	52.239	32.338	30.348	21.677	8.597	4.368
90223	283.	1.97	479.695	138.071	54.315	24.873	25.381	19.005	9.086	3.360
90226	282.	1.94	419.072	109.278	53.093	28.866	27.320	18.268	7.655	3.320
90237	320.	1.98	454.545	137.879	57.576	30.808	29.798	26.152	6.813	4.631
90240	240.	1.92	374.479	101.563	53.125	31.250	27.083	22.885	6.724	3.526
MEAN	271.	1.92	438.611	118.710	53.862	29.806	31.250	22.445	7.716	4.032
S.D.	26.8	0.092	49.5879	13.0865	4.1094	2.8955	7.6155	2.7891	1.0787	0.5769
S.E.	8.5	0.029	15.6811	4.1383	1.2995	0.9156	2.4082	0.8820	0.3411	0.1824
N	10	10	10	10	10	10	10	10	10	10

FBW = FINAL BODY WEIGHT

POFBWV4.14
04/15/2008

APPENDIX B

Certificate Of Analysis (Sponsor-Provided Data)



E. I. du Pont de Nemours and Company
Wilmington, DE 19898
USA

CERTIFICATE OF ANALYSIS

This Certificate of Analysis fulfills the requirement for characterization of a test substance prior to a study subject to GLP regulations. It documents the identity and content of the test substance. This work was conducted under EPA Good Laboratory Practice Standards (40 CFR 792).

Haskell Code Number	H-28397
Common Name	HFPO Dimer Acid Ammonium Salt
Purity Percent	88%
Other Components	Water – 13.3% (non-GLP) Perfluorooctanoic acid – 3.4 ppm
Date of Analysis	November 16, 2007
Recommended reanalysis interval	1 year
Instructions for storage	NRT&H
Reference	DuPont-24127
Analysis performed at	E. I. DuPont de Nemours and Company DuPont Experimental Station Wilmington, Delaware USA

Approver:

A handwritten signature in black ink, appearing to read "Peter A. Bloxham", written over a horizontal line.

Peter A. Bloxham, Ph.D.
Senior Research Chemist

19-Nov-2007
Date