

Table 8 Functional Tests - Summary (Week 6)

Items	Test Substance: Dose (mg/kg):	Sex:					Sex:				
		Male					Female				
		1, 3-BAC 0	1, 3-BAC 5	1, 3-BAC 10	1, 3-BAC 60	1, 3-BAC 300	1, 3-BAC 0	1, 3-BAC 5	1, 3-BAC 10	1, 3-BAC 60	1, 3-BAC 300
Number of Animals:											
(Criteria)											
Sensory reactivity to stimuli											
Approach response											
1	0	0	0	0	0	0	0	0	0	0	0
2	3	5	5	5	5	4	5	5	5	5	5
3	2	0	0	0	0	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
Touch response											
1	0	0	0	0	0	0	0	0	0	0	0
2	4	5	5	5	5	0	4	4	4	5	5
3	1	0	0	0	0	5	1	1	1	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
Auditory response											
1	0	0	0	0	0	0	0	0	0	0	0
2	5	5	5	5	5	5	5	5	5	5	5
3	0	0	0	0	0	0	0	0	0	0	0
Tail pinch response											
1	0	0	0	0	0	0	0	0	0	0	0
2	5	4	4	4	5	3	5	5	5	5	5
3	0	1	1	1	0	2	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
Aerial righting reaction											
1	5	5	5	5	5	5	5	5	5	5	5
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
Grip strength											
Forelimb grip strength											
Mean (g)	1108.2	1227.8	1269.0	1269.0	1309.0	1016.4	1068.2	1065.8	1065.8	1086.4	1086.4
S.D.	192.4	134.7	243.1	243.1	44.3	106.6	110.9	54.7	54.7	135.7	135.7
Hindlimb grip strength											
Mean (g)	784.4	827.0	835.4	835.4	869.6	697.2	644.0	700.0	700.0	609.2	609.2
S.D.	16.9	115.6	105.3	105.3	66.8	42.1	69.4	73.1	73.1	147.5	147.5

See Annex 12.7 for details of criteria.
Significantly different from control : *, P<0.05 ; **, P<0.01

Table 9 Motor Activity - Summary (Week 6)

Test Substance	Dose (mg/kg)	Time	Male										Total				
			0-10 min	10-20 min	20-30 min	30-40min	40-50min	50-60min	Count/10 min		Count/10 min						
Unit:		Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min		
1, 3-BAC	0	Mean	2436.2	1739.2	659.0	274.4	36.8	7.0	5152.6								
		S.D.	269.9	517.1	488.3	453.1	76.2	7.9	1284.3								
		n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	10	Mean	2549.0	1677.2	755.6	311.6	14.8	10.6	5318.8								
		S.D.	322.6	762.7	742.2	248.3	22.1	9.0	1321.9								
		n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	60	Mean	2550.2	1714.2	943.6	188.4	36.8	34.4	5467.6								
		S.D.	170.4	706.4	634.4	241.9	64.0	76.9	1691.4								
		n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	300	Mean	2255.2	1384.4	621.4	162.0	25.0	22.6	4470.6								
		S.D.	270.0	604.7	701.9	153.9	21.2	25.4	1466.4								
		n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Significantly different from control : *, P<0.05 ; **, P<0.01

Table 10 Motor Activity - Summary (Week 6)

Test Substance	Dose (mg/kg)	Time:	Female										Total		
			0-10 min	10-20 min	20-30 min	30-40 min	40-50 min	50-60 min	Count/1 hr						
		Unit:	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min
1, 3-BAC	0	Mean	1549.6	647.8	889.4	587.4	515.4	343.8	4533.4						
		S.D.	575.4	545.4	831.7	837.9	903.9	377.8	3532.9						
		n	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	10	Mean	1899.4	1390.8	1018.8	969.2	1145.2	1293.6	7717.0						
		S.D.	442.5	1228.5	1058.8	1317.7	1114.9	832.0	5581.8						
		n	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	60	Mean	1845.6	994.2	985.0	813.2	499.2	909.2	6046.4						
		S.D.	395.6	609.0	796.0	718.8	699.2	908.5	2322.0						
		n	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	300	Mean	1548.8	613.8	533.0	691.0	747.8	1041.2	5175.6						
		S.D.	662.8	650.4	905.6	1022.8	1003.2	943.3	3777.2						
		n	5	5	5	5	5	5	5	5	5	5	5	5	5

Significantly different from control : * P<0.05 ; ** P<0.01

Table 11 Body Weight - Summary

Test Substance Dose (mg/kg)	Day	Male									
		1	8	15	22	29	36	42	48	50	56
1, 3-BAC 0	Mean	335.6	366.3	391.8	417.4	437.9	459.3	473.9	479.8	505.8	528.0
	S.D.	16.1	23.3	27.2	28.9	32.6	35.7	38.2	43.9	44.0	43.9
	n	12	12	12	12	12	12	12	5	5	5
1, 3-BAC 10	Mean	333.6	364.9	390.2	413.2	435.2	455.5	474.5			
	S.D.	17.8	26.0	30.3	35.2	40.0	43.1	44.8			
	n	12	12	12	12	12	12	12			
1, 3-BAC 60	Mean	337.6	363.1	390.1	415.3	437.3	457.6	474.7			
	S.D.	18.2	24.8	33.3	38.0	41.5	47.9	50.3			
	n	12	12	12	12	12	12	12			
1, 3-BAC 300	Mean	337.2	355.6	374.6	386.6	407.4	422.5	434.2	446.0	471.0	489.8
	S.D.	17.5	25.9	26.1	32.4	30.6	30.8	31.6	27.6	30.6	28.3
	n	12	12	12	12	11	11	11	5	5	5

Significantly different from control : *P<0.05; **P<0.01.

Female

Table 12 Body Weight - Summary

Test Substance Dose(mg/kg)	Day			n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.
	1	8	15									
1, 3-BAC 0	Mean	220.2	237.5	255.1								
	S.D.	9.6	10.7	14.0								
	n	17	17	17								
1, 3-BAC 10	Mean	218.2	232.5	247.4								
	S.D.	8.1	11.3	13.8								
	n	12	12	12								
1, 3-BAC 60	Mean	219.0	235.3	253.9								
	S.D.	9.1	12.0	17.8								
	n	12	12	12								
1, 3-BAC 300	Mean	220.7	237.7	255.1								
	S.D.	8.0	10.8	16.1								
	n	17	17	17								

Significantly different from control : *P<0.05; **P<0.01.

Table 13

Study No. B041798

Body Weight (F0 Gestation) - Summary

Test Substance Dose (mg/kg)	/Day					Unit : g
	0	7	14	20		
1, 3-BAC 0	Mean	263.7	303.3	336.1	413.4	
	S.D.	13.1	18.3	20.5	23.2	
	n	12	12	12	12	
1, 3-BAC 10	Mean	261.9	299.8	385.5	420.8	
	S.D.	14.9	16.2	21.1	20.9	
	n	12	12	12	12	
1, 3-BAC 60	Mean	259.4	296.1	331.8	410.3	
	S.D.	14.4	18.4	22.9	32.3	
	n	12	12	12	12	
1, 3-BAC 300	Mean	258.2	293.7	332.7	407.1	
	S.D.	16.2	17.8	20.8	37.1	
	n	11	11	11	11	

Significantly different from control

: *, P<0.05; **, P<0.01.

Table 14

Study No. B041798

Body Weight (F0 Lactation) - Summary

Test Substance Dose (mg/kg)	/Day				Unit : g
	0	0	4	4	
1, 3-BAC 0	Mean	313.9	313.9	335.3	
	S.D.	26.2	21.0	21.0	
1, 3-BAC 10	Mean	311.6	311.6	336.3	
	S.D.	28.3	22.8	22.8	
1, 3-BAC 60	Mean	309.5	309.5	326.5	
	S.D.	29.5	26.0	26.0	
1, 3-BAC 300	Mean	301.2	301.2	329.1	
	S.D.	37.0	16.1	16.1	

Significantly different from control : * P<0.05; ** P<0.01.

Female #

Table 15 Body Weight - Summary

Test Substance Dose (mg/kg)	Day	Body Weight							
		22	29	36	42	43	50	56	
1, 9-BAC 0	Mean	274.4	281.2	291.8	288.0	300.6	310.6	320.4	
	S.D.	12.8	11.8	17.6	20.8	16.6	19.7	17.6	
	n	5	5	5	5	5	5	5	
1, 3-BAC 300	Mean	270.8	279.8	286.6	293.8	297.8	296.8	316.4	
	S.D.	14.8	19.1	17.6	18.9	25.1	19.5	27.1	
	n	5	5	5	5	5	5	5	

Significantly different from control : *, P<0.05; **, P<0.01.

#: Satellite animal

Table 16 Accumulative Body Weight Gain - Summary

Test Substance Dose (mg/kg)	Day	Male									
		1	8	15	22	29	35	42	43	50	56
1,3-BAC 0	Mean	0.0	30.7	55.3	81.8	102.3	123.8	138.3	143.0	169.0	186.2
	S.D.	0.0	8.6	12.5	15.5	18.8	22.0	24.7	32.4	33.5	38.4
	n	12	12	12	12	12	12	12	5	5	5
1,3-BAC 10	Mean	0.0	31.3	55.5	79.6	101.6	121.9	140.9			
	S.D.	0.0	10.0	14.2	19.9	24.5	27.3	28.6			
	n	12	12	12	12	12	12	12			
1,3-BAC 60	Mean	0.0	25.5	52.5	77.7	99.7	120.0	137.1			
	S.D.	0.0	8.3	16.1	21.7	26.0	32.5	34.6			
	n	12	12	12	12	12	12	12			
1,3-BAC 300	Mean	0.0	18.4*	37.4*	49.4**	73.2**	88.4**	100.0**	110.6	135.6	154.4
	S.D.	0.0	12.6	17.9	31.3	18.8	18.7	19.3	19.4	22.9	20.2
	n	12	12	12	12	11	11	11	5	5	5

Significantly different from control : *, P<0.05; **, P<0.01.

Table 17 Accumulative Body Weight Gain - Summary

Female

Test Substance Dose (mg/kg)	Day			Mean	S.D.	n
	1	8	15			
1, 3-BAC 0	0.0	17.2	35.8	0.0	5.9	17
	0.0	5.9	8.7			
	17	17	17			
1, 3-BAC 10	0.0	14.3	29.3	0.0	7.1	12
	0.0	7.1	12.2			
	12	12	12			
1, 3-BAC 60	0.0	17.3	34.9	0.0	5.9	12
	0.0	5.9	11.5			
	12	12	12			
1, 3-BAC 300	0.0	17.0	34.4	0.0	6.2	17
	0.0	6.2	11.1			
	17	17	17			

Significantly different from control : * P<0.05; ** P<0.01.

Table 18

Body Weight Gain (FO Gestation) - Summary
 Base : Day 0 of Gestation

Test Substance Dose (mg/kg)	/Day				Unit : g
	0	7	14	20	
1, 3-BAC 0	Mean	39.6	72.4	149.8	
	S.D.	5.4	6.7	11.6	
	n	12	12	12	
1, 3-BAC 10	Mean	37.8	73.6	158.8	
	S.D.	10.2	15.3	21.2	
	n	12	12	12	
1, 3-BAC 60	Mean	36.7	72.3	150.9	
	S.D.	7.5	12.9	22.2	
	n	12	12	12	
1, 3-BAC 300	Mean	35.5	74.5	148.9	
	S.D.	8.8	12.5	31.3	
	n	11	11	11	

Significantly different from control : * P<0.05; ** P<0.01.

Table 19

Study No. B041798

Body Weight Gain (NO Lactation) - Summary
 Base : Day 0 of Lactation

Test Substance Dose (mg/kg)	/Day			Unit : g
	0	4	4	
1, 3-BAC 0	Mean	0.0	21.3	
	S.D.	0.0	12.0	
	n	12	12	
1, 3-BAC 10	Mean	0.0	24.8	
	S.D.	0.0	19.8	
	n	12	12	
1, 3-BAC 60	Mean	0.0	17.0	
	S.D.	0.0	6.9	
	n	12	12	
1, 3-BAC 300	Mean	0.0	27.9	
	S.D.	0.0	26.9	
	n	11	11	

Significantly different from control : * P<0.05; ** P<0.01.

Table 20 Accumulative Body Weight Gain - Summary

Test Substance Dose (mg/kg)	Day	Female #									
		1	8	15	22	29	36	42	43	50	56
1, 3-BAC 0	Mean	0.0	18.8	33.8	48.4	55.2	65.8	72.0	74.6	84.6	94.4
	S.D.	0.0	4.9	7.3	11.2	10.5	16.1	18.8	15.9	18.3	17.4
	n	5	5	5	5	5	5	5	5	5	5
1, 3-BAC 300	Mean	0.0	18.6	35.8	47.4	56.4	63.2	70.4	74.4	73.4	93.0
	S.D.	0.0	6.0	11.7	7.8	12.9	17.7	14.5	22.8	19.7	22.9
	n	5	5	5	5	5	5	5	5	5	5

Significantly different from control : *, P<0.05; **, P<0.01.

#: Satellite animal

Table 21 Food Consumption - Summary

Test Substance Dose (mg/kg)	Day	Male					
		8	15	22	29		
1, 3-BAC 0	Mean	26.53	26.68	27.19	28.00		
	S.D.	2.62	2.62	2.27	2.57		
	n	12	12	12	12		
1, 3-BAC 10	Mean	26.50	26.78	27.60	28.02		
	S.D.	2.66	2.61	2.61	2.89		
	n	12	12	11	12		
1, 3-BAC 60	Mean	25.58	26.69	27.42	28.18		
	S.D.	2.60	3.19	2.67	3.17		
	n	12	12	12	12		
1, 3-BAC 300	Mean	24.31	25.22	25.88	26.87		
	S.D.	2.96	3.21	1.98	2.27		
	n	12	12	10	11		
				36	38	50	52
				28.88	28.88	28.68	27.60
				2.94	2.47	2.47	3.49
				12	5	5	5
				29.46	29.46	29.46	29.80
				1.92	1.92	1.92	2.08
				12	12	5	5
				28.92	28.92	30.28	29.80
				2.54	2.54	1.63	2.08
				12	12	5	5

Significantly different from control : *, P<0.05; **, P<0.01.

Female

Table 22 Food Consumption - Summary

Test Substance Dose (mg/kg)	Day		
	8	15	
1, 3-BAC 0	Mean	20.65	21.39
	S.D.	1.82	1.98
	n	17	17
1, 3-BAC 10	Mean	19.17	20.01
	S.D.	1.56	1.23
	n	12	12
1, 3-BAC 60	Mean	20.15	20.01
	S.D.	2.10	2.49
	n	12	12
1, 3-BAC 300	Mean	19.59	20.09
	S.D.	1.42	1.93
	n	17	17

Significantly different from control : *, P<0.05; **, P<0.01.

Table 23

Study No. B041798

Food Consumption (F0 Gestation) - Summary

Test Substance Dose (mg/kg)	/Day				Unit : g/animal/day
	7	14	20		
1, 3-BAC 0	Mean	24.6	25.2	26.1	
	S.D.	1.4	2.1	2.4	
1, 3-BAC 10	Mean	24.2	25.1	27.3	
	S.D.	2.2	2.4	2.4	
1, 3-BAC 60	Mean	23.2	24.5	26.2	
	S.D.	1.7	2.8	2.9	
1, 3-BAC 300	Mean	22.3*	24.8	25.4	
	S.D.	2.0	1.8	5.8	
	n	12	11	11	

Significantly different from control

: *, P<0.05; **, P<0.01.

Table 24

Study No. B041798

Food Consumption (P0 Lactation) - Summary

Test Substance Dose (mg/kg)	/Day		4
	Mean S.D.	n	
1, 3-BAC 0	36.7 3.0	12	
1, 3-BAC 10	36.1 6.6	12	
1, 3-BAC 60	35.4 3.3	12	
1, 3-BAC 300	37.1 7.8	11	

Significantly different from control

: *, P<0.05; **, P<0.01.

Female #

Table 25 Food Consumption - Summary

Test Substance Dose (mg/kg)	Day				
	22	29	36	42	50
1, 3-BAC 0	Mean	22.08	21.86	20.68	22.24
	S.D.	0.57	1.72	1.87	0.58
	n	5	5	5	5
1, 3-BAC 300	Mean	20.70*	20.84	20.76	22.28
	S.D.	0.82	2.40	0.97	1.77
	n	5	5	5	5

Significantly different from control : *P<0.05; **P<0.01.
 †:Satellite animal

Male

Table 26. Hematology - Summary

Test Substance Dose (mg/kg)	Red Blood Cell Count x10 ⁶ /μL	Hemoglobin conc. g/dL		Hematocrit %		MCV fL		MCH pg		MCHC %		Platelet Count x10 ³ /μL		Reticulocyte Ratio %		PT sec		
		Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	
1, 3-BAC	Mean	8.806	8.552	15.58	15.24	46.82	45.70	53.24	17.74	17.84	33.30	33.32	1057.0	935.2	2.38	2.34	23.52	22.86
	S.D. n	0.317 5	0.104 5	0.36 5	0.59 5	1.38 5	1.45 5	1.99 5	0.55 5	0.79 5	0.37 5	0.58 5	84.8 5	65.8 5	0.25 5	0.36 5	1.91 5	4.66 5
1, 3-BAC	Mean	8.682	15.88	15.88	47.04	54.48	18.40	33.78	1055.0	2.48	27.34	9.80	88.2	88.2	0.40	0.40	9.80	9.80
	S.D. n	0.255 5	0.65 5	0.65 5	1.67 5	0.79 5	0.47 5	0.41 5	0.41 5	88.2 5	0.40 5	0.41 5	88.2 5	88.2 5	0.40 5	0.40 5	9.80 5	9.80 5
1, 3-BAC	Mean	8.614	15.70	15.70	46.46	53.94	18.26	33.84	1065.4	2.44	22.34	1.58	1065.4	1065.4	0.49	0.49	1.58	1.58
	S.D. n	0.529 5	0.83 5	0.83 5	2.65 5	1.44 5	0.40 5	0.34 5	0.34 5	1065.4 5	0.49 5	0.49 5	54.2 5	54.2 5	0.49 5	0.49 5	1.58 5	1.58 5
1, 3-BAC	Mean	8.112	8.712	14.96	15.50	45.24	47.22	55.78	18.46	17.78	33.10	32.80	1055.4	1092.6*	3.44**	2.36	20.14	25.50
	S.D. n	0.450 5	0.226 5	0.81 5	0.52 5	2.55 5	1.64 5	1.25 5	0.27 5	0.36 5	0.41 5	0.46 5	180.5 5	126.0 5	0.64 5	0.42 5	2.85 5	3.21 5

*: *, P<0.05; **: P<0.01. Significantly different from control

Table 26 Hematology - Summary

Test Substance Dose (mg/kg)	APTT sec	Day 43		Day 57	
		Mean	S.D.	Mean	S.D.
1, 3-BAC 0	Mean	19.52	17.98		
	S.D.	2.05	3.16		
	n	5	5		
1, 3-BAC 10	Mean	20.30			
	S.D.	2.59			
	n	5			
1, 3-BAC 60	Mean	19.10			
	S.D.	2.04			
	n	5			
1, 3-BAC 300	Mean	18.72	20.20		
	S.D.	3.21	2.76		
	n	5	5		

Significantly different from control : * P<0.05; ** P<0.01.

Table 26 Hematology - Summary

Test Substance Dose (mg/kg)	White Blood Cell Count x10E3/μL	Day 43		Day 57	
		Mean	S.D.	Mean	S.D.
1, 3-BAC 0	Mean	7.858	8.698		
	S.D.	1.148	1.325		
	n	5	5		
1, 3-BAC 10	Mean	8.962			
	S.D.	1.597			
	n	5			
1, 3-BAC 60	Mean	9.556			
	S.D.	2.096			
	n	5			
1, 3-BAC 300	Mean	10.714	9.672		
	S.D.	1.978	1.378		
	n	5	5		

Significantly different from control : * P<0.05; ** P<0.01.

Table 26 Hematology - Summary

Male

Test Substance Dose (mg/kg)	Lymphocyte %		Neutrophilic Segmented %		Neutrophilic Band %		Eosinophil %		Basophil %		Monocyte %	
	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57
1, 3-BAC 0	Mean	93.40	86.54	4.60	11.66	0.00	0.00	0.20	0.40	0.00	1.80	1.40
	S.D.	2.41	2.92	1.67	3.24	0.00	0.00	0.45	0.55	0.00	1.64	0.55
	n	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC 10	Mean	89.18	9.42	9.42	0.00	0.00	0.80	0.00	0.00	0.60	0.55	0.55
	S.D.	4.10	3.45	3.45	0.00	0.00	0.45	0.00	0.00	0.55	0.55	0.55
	n	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC 60	Mean	89.80	8.60	8.60	0.00	0.00	0.20	0.00	0.00	1.40	0.55	0.55
	S.D.	2.77	3.13	3.13	0.00	0.00	0.45	0.00	0.00	0.55	0.55	0.55
	n	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC 200	Mean	88.20	88.10	10.40	7.48*	0.00	0.00	0.00	0.60	0.00	1.40	3.82
	S.D.	7.19	4.21	6.02	2.08	0.00	0.00	0.00	0.89	0.00	1.67	3.16
	n	5	5	5	5	5	5	5	5	5	5	5

Significantly different from control : *P<0.05; **P<0.01.

Table 27 Hematology - Summary

Female

Test Substance Dose (mg/kg)	Red Blood Cell Count x10 ³ /μL		Hemoglobin conc. g/dL		Hematocrit %		MCV fL		MCH pg		MCHC %		Platelet Count x10 ³ /μL		Reticulocyte Ratio %		PT sec	
	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57
1, 3-BAC 0	Mean	7.040	8.178	13.38	15.44	40.24	45.46	57.30	19.00	18.88	33.20	33.94	1156.8	1055.2	5.74	2.54	18.20	15.70
	S.D. n	0.341 5	0.403 5	0.42 5	0.61 5	1.59 5	1.59 5	2.39 5	0.92 5	0.40 5	0.35 5	0.38 5	89.4 5	115.0 5	0.66 5	0.85 5	1.00 5	0.29 5
1, 3-BAC 10	Mean	6.766	13.12	1.01	38.90	38.90	57.64	19.42	0.47	0.69	33.72	187.1	1225.0	8.28	17.92	0.33	5	5
	S.D. n	0.671 5	1.01 5	1.01 5	2.41 5	2.16 5	2.16 5	0.47 5	0.47 5	0.69 5	33.72 5	187.1 5	1225.0 5	8.28 5	17.92 5	0.33 5	5	5
1, 3-BAC 60	Mean	6.902	13.36	0.44	39.98	39.98	57.92	19.36	0.24	0.31	33.42	1105.0	55.6	5.88	18.12	0.68	5	5
	S.D. n	0.214 5	0.44 5	0.44 5	1.19 5	0.94 5	0.94 5	0.24 5	0.24 5	0.31 5	33.42 5	1105.0 5	55.6 5	5.88 5	18.12 5	0.68 5	5	5
1, 3-BAC 300	Mean	6.584	7.928	12.98	15.14	38.88	44.40	59.16	19.76	19.10	33.38	34.10	1360.8	1054.4	7.56	2.14	17.84	15.68
	S.D. n	0.387 5	0.304 5	0.34 5	0.29 5	0.99 5	0.65 5	2.72 5	0.82 5	0.58 5	0.33 5	0.32 5	173.9 5	124.6 5	2.39 5	0.43 5	0.72 5	0.31 5

Significantly different from control : *P<0.05; **P<0.01.

Table 27 Hematology - Summary

Test Substance Dose (mg/kg)	APTT sec	Day 43		Day 57	
		Mean	S.D.	Mean	S.D.
1, 3-BAC 0	Mean	13.76	14.40		
	S.D.	1.34	1.56		
	n	5	5		
1, 3-BAC 10	Mean	13.22			
	S.D.	1.68			
	n	5			
1, 3-BAC 60	Mean	13.48			
	S.D.	0.61			
	n	5			
1, 3-BAC 300	Mean	13.36	14.92		
	S.D.	2.16	1.32		
	n	5	5		

Significantly different from control : *, P<0.05; **, P<0.01.

Table 27 Hematology - Summary

Test Substance Dose (mg/kg)	White Blood Cell Count $\times 10^3/\mu L$	Day 43		Day 57	
		Mean	S.D.	Mean	S.D.
1, 3-BAC 0	Mean	8.852	5.672		
	S.D.	2.934	1.268		
	n	5	5		
1, 3-BAC 10	Mean	9.856			
	S.D.	2.235			
	n	5			
1, 3-BAC 60	Mean	8.804			
	S.D.	1.388			
	n	5			
1, 3-BAC 300	Mean	9.782	4.152		
	S.D.	1.675	0.928		
	n	5	5		

Significantly different from control : *, P<0.05; **, P<0.01.

Table 27 Hematology - Summary

Female

Test Substance Dose (mg/kg)	Lymphocyte %	Neutrophilic Segmented %				Neutrophilic Band %				Eosinophil %				Basophil %				Monocyte %			
		Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57		
		Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.
1, 3-BAC 0	74.62	86.56	5	21.56	9.62	0.00	0.00	0.40	0.60	0.00	0.00	0.40	0.60	0.00	0.00	0.00	0.00	0.00	3.42	3.22	5
	11.83	4.25	5	13.11	4.81	0.00	0.00	0.55	0.55	0.89	0.89	0.55	0.55	0.00	0.00	0.00	0.00	0.00	2.19	1.51	5
1, 3-BAC 10	71.94		5	26.06		0.40	0.40	0.60	0.60	0.00	0.00	0.60	0.60	0.00	0.00	0.00	0.00	1.00			5
	5.63		5	5.30		0.89	0.89	0.55	0.55	0.00	0.00	0.55	0.55	0.00	0.00	0.00	0.00	1.73			5
1, 3-BAC 60	79.44		5	16.36		0.00	0.00	1.40	1.40	0.00	0.00	1.40	1.40	0.00	0.00	0.00	0.00	2.80			5
	8.69		5	8.05		0.00	0.00	0.89	0.89	0.00	0.00	0.89	0.89	0.00	0.00	0.00	0.00	1.30			5
1, 3-BAC 300	73.52	83.10	5	19.46	11.10	0.00	0.00	1.40	1.40	0.00	0.00	1.40	1.40	0.00	0.00	0.00	0.00	5.62	4.60		5
	12.92	4.36	5	10.13	5.46	0.00	0.00	1.14	1.14	1.30	1.30	1.14	1.14	0.00	0.00	0.00	0.00	2.53	2.97		5

Significantly different from control : *P<0.05; **P<0.01.

Male

Table 28 Blood Chemistry - Summary

Test Substance Dose (mg/kg)	ASAT (GOT) U/L		ALAT (GPT) U/L		γ GT U/L		ALP U/L		Total Bilirubin mg/dL		Urea Nitrogen mg/dL		Creatinine mg/dL		Glucose mg/dL		Total Cholesterol mg/dL	
	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57
1, 3-BAC 0	Mean	109.8	107.2	33.8	30.6	2.2	0.8	348.2	326.8	0.10	14.66	14.40	0.28	0.30	123.6	122.6	61.8	70.8
	S.D.	22.6	16.1	9.0	3.4	0.4	0.8	49.9	75.1	0.00	2.95	0.74	0.04	0.00	5.0	14.9	7.4	7.4
	n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC 10	Mean	90.8	26.4	26.4	1.6	1.6	369.2	369.2	0.10	15.38	0.26	146.8**	0.26	146.8**	61.2	61.2	61.2	61.2
	S.D.	16.3	4.7	4.7	0.5	0.5	40.9	40.9	0.00	0.93	0.05	12.0	0.05	12.0	13.7	13.7	13.7	13.7
	n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC 60	Mean	95.4	28.4	28.4	1.8	1.8	386.8	386.8	0.10	14.86	0.28	132.6	0.28	132.6	68.0	68.0	68.0	68.0
	S.D.	10.9	3.6	3.6	0.4	0.4	68.0	68.0	0.00	2.70	0.04	13.8	0.04	13.8	12.8	12.8	12.8	12.8
	n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC 300	Mean	108.6	103.0	42.8	27.6	1.6	0.8	323.6	347.2	0.10	14.44	14.56	0.30	0.30	109.4	118.4	70.2	62.2
	S.D.	82.0	18.2	17.8	3.3	0.5	0.4	85.3	95.1	0.00	1.44	1.50	0.00	0.00	7.3	12.3	9.0	6.3
	n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Significantly different from control : *P<0.05; **P<0.01.

Table 28 Blood Chemistry -- Summary

Male

Test Substance Dose (mg/kg)	Triglyceride mg/dL		Total Protein g/dL		Albumin g/dL		A/G Ratio		Calcium mg/dL		Inorganic Phosphorus mg/dL		Na mmol/L		K mmol/L		Cl mmol/L	
	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57
	Mean	S.D.	Mean	S.D.	Mean	S.D.	Mean	S.D.	Mean	S.D.	Mean	S.D.	Mean	S.D.	Mean	S.D.	Mean	S.D.
1, 3-BAC	13.0	80.2	6.72	5.58	3.02	3.02	0.820	0.842	10.04	10.00	8.56	8.20	147.8	148.2	4.70	4.40	104.2	105.0
0	6.3	14.6	0.26	0.13	0.19	0.16	0.066	0.054	0.18	0.19	0.40	0.57	0.8	1.1	0.19	0.12	0.8	1.2
n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	33.8*		6.56		3.04		0.854		10.20		8.30		147.6		4.54		104.8	
10	7.5		0.42		0.24		0.036		0.32		0.38		0.5		0.23		1.5	
n	5		5		5		5		5		5		5		5		5	
1, 3-BAC	32.6		6.78		3.06		0.830		10.26		8.22		147.6		4.62		103.6	
60	23.3		0.19		0.11		0.021		0.23		0.33		1.3		0.16		1.5	
n	5		5		5		5		5		5		5		5		5	
1, 3-BAC	24.2	28.6	5.98**	6.48	2.82	3.00	0.900	0.856	9.90	9.84	8.38	8.24	148.2	146.8	4.60	4.62	104.8	104.2
300	7.0	5.7	0.18	0.13	0.16	0.16	0.086	0.054	0.21	0.11	0.70	0.43	0.4	1.3	0.19	0.22	1.8	2.2
n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Significantly different from control : * P<0.05; ** P<0.01.

Female

Table 29 Blood Chemistry - Summary

Test Substance Dose (mg/kg)	ASAT (GOT) U/L		ALAT (GPT) U/L		γ-GT U/L		ALP U/L		Total Bilirubin mg/dL		Urea Nitrogen mg/dL		Creatinine mg/dL		Glucose mg/dL		Total Cholesterol mg/dL				
	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57			
	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n
1, 3-BAC	143.8	126.2	45.2	21.2	1.2	1.2	260.8	151.4	0.10	0.10	17.76	17.00	0.34	0.42	122.8	123.4	60.4	73.0			
0	25.1	18.0	8.1	3.7	0.8	1.3	81.8	19.4	0.00	0.00	2.47	4.43	0.05	0.04	11.9	19.7	5.0	4.6			
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	151.2	52.6	52.6	221.4	2.0	2.0	221.4	197.0*	0.06	0.06	20.66	16.66	0.36	0.42	116.8		69.8				
10	10.8	11.9	11.9	34.4	0.7	0.7	34.4	30.6	0.05	0.05	0.61	0.61	0.05	0.05	6.5		19.2				
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	107.0*	44.6	44.6	240.6	2.0	2.0	240.6	197.0*	0.10	0.10	18.84	16.66	0.40	0.42	139.2		63.8				
60	6.4	9.2	9.2	49.1	0.0	0.0	49.1	30.6	0.00	0.00	2.97	3.05	0.00	0.04	14.9		8.1				
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	140.6	119.2	63.6*	29.8	1.8	1.0	358.6	197.0*	0.06	0.06	18.12	16.66	0.32	0.42	111.8	109.0	62.8	74.8			
300	25.7	19.5	12.1	19.3	1.1	0.0	146.9	30.6	0.05	0.05	2.64	3.05	0.04	0.04	9.4	11.3	7.5	17.0			
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Significantly different from control : * P<0.05; ** P<0.01.

Table 29 Blood Chemistry - Summary

Female

Test Substance Dose (mg/kg)	Triglyceride mg/dL		Total Protein g/dL		Albumin g/dL		A/G Ratio		Calcium mg/dL		Inorganic Phosphorus mg/dL		Na mmol/L		K mmol/L		Cl mmol/L		
	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	
1, 3-BAC 0	Mean	62.2	13.0	6.80	7.26	3.14	3.50	0.862	0.936	11.04	10.08	10.02	6.54	145.8	145.4	4.56	4.30	102.2	104.0
	S.D. n	39.7 5	4.1 5	0.39 5	0.60 5	0.21 5	0.37 5	0.063 5	0.052 5	0.13 5	0.61 5	0.70 5	0.87 5	0.8 5	1.5 5	0.30 5	0.37 5	0.4 5	2.0 5
1, 3-BAC 10	Mean	49.4	6.98	3.18	3.18	3.18	0.886	0.886	11.22	10.00	10.00	10.00	145.0	145.0	4.70	4.70	101.6	101.6	
	S.D. n	13.0 5	0.54 5	0.23 5	0.23 5	0.23 5	0.043 5	0.043 5	0.95 5	0.46 5	0.46 5	0.46 5	0.7 5	0.7 5	0.29 5	0.29 5	1.5 5	1.5 5	
1, 3-BAC 60	Mean	67.0	6.80	3.26	3.26	3.26	0.926	0.926	10.94	9.72	9.72	9.72	146.4	146.4	4.46	4.46	102.4	102.4	
	S.D. n	8.0 5	0.10 5	0.11 5	0.11 5	0.11 5	0.027 5	0.027 5	0.88 5	0.48 5	0.48 5	0.48 5	0.5 5	0.5 5	0.09 5	0.09 5	0.9 5	0.9 5	
1, 3-BAC 300	Mean	54.4	10.8	6.34	7.34	2.98	3.66	0.882	0.994	10.84	9.94	10.18	6.28	145.2	145.6	4.90	4.04	102.4	105.0
	S.D. n	24.8 5	5.5 5	0.38 5	0.62 5	0.22 5	0.46 5	0.054 5	0.097 5	0.42 5	0.34 5	1.24 5	0.83 5	1.5 5	1.5 5	0.14 5	0.38 5	2.1 5	1.2 5

Significantly different from control : *, P<0.05; **, P<0.01.

Table 30 Urinalysis - Summary

Male

Test Substance Dose (mg/kg)	pH	Protein					Glucose					Ketones					Bilirubin					Occult Blood										
		Day 38	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	>9	Day 38	-	+/-	1+	2+	3+	Day 38	-	+/-	1+	2+	3+	Day 38	-	+/-	1+	2+	3+			
1, 3-BAC 0		0	0	0	0	0	1	4	0	0	3	2	0	5	0	0	0	0	0	0	0	5	0	0	0	5	0	0	0	0		
1, 3-BAC 10		0	0	0	0	0	1	4	0	0	4	1	0	5	0	0	0	0	0	0	3	2	0	0	5	0	0	0	5	0	0	0
1, 3-BAC 60		0	0	0	0	0	1	4	0	0	4	1	0	5	0	0	0	0	0	0	0	4	1	0	5	0	0	0	5	0	0	0
1, 3-BAC 300		0	0	0	0	0	1	4	0	0	4	1	0	5	0	0	0	0	0	0	0	4	1	0	5	0	0	0	5	0	0	0

Significantly different from control : *, P<0.05; **, P<0.01.

Male

Table 30 Urinalysis - Summary

Test Substance Dose (mg/kg)	Urobilinogen BU/dl	0.1	1.0	2.0	4.0	>=8
1,3-BAC 0	n	5	0	0	0	0
1,3-BAC 10	n	5	0	0	0	0
1,3-BAC 50	n	5	0	0	0	0
1,3-BAC 300	n	5	0	0	0	0

Significantly different from control : *P<0.05; **P<0.01.

Male

Table 81 Organ Weight - Summary

Test Substance Dose (mg/kg)	Final Body Weight (g)	Brain (g)		Thymus (mg)		Heart (g)		Liver (g)		Spleen (g)		Kidneys (g)		Adrenals (mg)		Testes (g)		
		Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	
1, 3-BAC	Mean S.D. n	446.0 38.8 7	489.6 42.5 5	2.084 0.052 5	2.054 0.079 5	340.0 46.1 5	261.4 32.5 5	1.572 0.166 5	1.542 0.160 5	10.572 1.098 5	12.154 1.589 5	0.732 0.096 5	0.808 0.178 5	2.654 0.864 5	2.960 0.279 5	56.60 4.90 5	61.88 6.23 5	3.343 0.152 7
1, 3-BAC	Mean S.D. n	445.0 43.5 12	489.6 42.5 5	2.040 0.092 5	2.054 0.079 5	368.8 108.2 5	261.4 32.5 5	1.542 0.228 5	1.542 0.160 5	11.244 1.242 5	12.154 1.589 5	0.716 0.121 5	2.772 0.217 5	2.772 0.217 5	57.40 6.98 5	57.40 6.98 5	61.88 6.23 5	3.309 0.317 12
1, 3-BAC	Mean S.D. n	444.8 46.1 12	489.6 42.5 5	2.010 0.071 6	2.054 0.079 5	394.2 78.5 5	261.4 32.5 5	1.580 0.243 5	1.542 0.160 5	11.138 1.938 5	12.154 1.589 5	0.698 0.121 5	2.874 0.387 5	2.874 0.387 5	61.10 6.81 5	61.10 6.81 5	61.88 6.23 5	3.168 0.228 12
1, 3-BAC	Mean S.D. n	397.5 35.0 6	456.0 29.7 5	2.024 0.074 5	2.078 0.028 5	281.4 35.9 5	317.2 65.8 5	1.350 0.230 5	1.542 0.239 5	9.832 1.026 5	11.702 0.789 5	0.738 0.086 5	0.820 0.159 5	2.762 0.347 5	2.844 0.134 5	70.88† 11.76 5	72.00 8.97 5	2.782 1.007 6

Significantly different from control : *P<0.05; **P<0.01.

Table 81 Organ Weight - Summary

Test Substance Dose (mg/kg)	Epididymides		Day 43	Day 57
	Mean	S.D.		
1, 3-BAC 0	1.247	0.051	7	5
1, 3-BAC 10	1.248	0.072	12	
1, 3-BAC 60	1.195	0.081	12	
1, 3-BAC 300	1.058	0.250	6	5

Significantly different from control : *, P<0.05; **, P<0.01.

Table 32

Study No. B041798

Organ Weight - Summary (F0 Delivered-on Weaning)
Sex: Female

Test Substance Dose (mg/kg)	Mean S.D. n	F. B. W. (g)	Brain (g)	Thymus (mg)	Heart (g)	Liver (g)	Spleen (g)	Kidneys (g)	Adrenals (mg)
1, 3-BAC 0	Mean S.D. n	316.2 16.0 5	1.974 0.101 5	276.8 101.2 5	1.146 0.125 5	11.020 0.610 5	0.786 0.102 5	2.082 0.213 5	73.88 6.81 5
1, 3-BAC 10	Mean S.D. n	299.4 17.1 5	2.002 0.102 5	294.4 64.9 5	1.062 0.029 5	10.902 0.821 5	0.854 0.154 5	2.088 0.223 5	75.70 6.55 5
1, 3-BAC 60	Mean S.D. n	309.0 17.3 5	1.964 0.080 5	295.2 96.8 5	1.014 0.097 5	10.564 0.480 5	0.764 0.093 5	2.020 0.047 5	78.46 12.29 5
1, 3-BAC 300	Mean S.D. n	292.8 18.7 5	1.962 0.070 5	221.6 85.2 5	1.044 0.096 5	10.772 0.750 5	0.704 0.187 5	2.174 0.125 5	92.66 15.91 5

Significantly different from control : *, P<0.05; **, P<0.01.

Female #

Organ Weight - Summary

Table 33

Test Substance Dose (mg/kg)	Final Body Weight (g)	Brain (g)		Thymus (mg)		Heart (g)		Liver (g)		Spleen (g)		Kidneys (g)		Adrenals (mg)	
		Day 57	Day 57	Day 57	Day 57	Day 57	Day 57	Day 57	Day 57	Day 57	Day 57	Day 57	Day 57	Day 57	
1, 3-BAC	Mean 296.0	1.908	301.8	1.012	7.824	0.578	1.920	74.58							
	S.D. 16.0	0.103	54.2	0.094	0.525	0.042	0.129	3.52							
	n 5	5	5	5	5	5	5	5						5	
1, 3-BAC	Mean 293.0	2.000	341.4	0.990	8.202	0.538	1.956	79.64							
	S.D. 23.6	0.096	90.1	0.072	0.490	0.043	0.206	10.97							
	n 5	5	5	5	5	5	5	5						5	

Significantly different from control : * P<0.05; ** P<0.01.

#: Satellite animal

Male

Table 34 Relative Organ Weight - Summary

Test Substance Dose (mg/kg)	Final Body Weight g	Brain		Thymus		Heart		Liver		Spleen		Kidneys		Adrenals		Testes	
		%		x10 ⁻³ %		%		%		%		%		x10 ⁻³ %		%	
		Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57	Day 43	Day 57
1, 3-BAC	Mean	445.0	489.6	0.486	0.422	79.44	53.34	0.366	0.318	2.464	0.170	0.660	0.604	13.10	12.68	0.754	0.682
0	S.D.	38.8	42.5	0.023	0.047	15.19	3.84	0.037	0.042	0.107	0.031	0.069	0.038	1.07	0.68	0.046	0.067
	n	7	5	5	5	5	5	5	5	5	5	5	5	5	5	7	5
1, 3-BAC	Mean	445.0		0.474		87.40		0.354		2.596	0.164	0.638		13.28		0.746	
10	S.D.	43.5		0.033		31.98		0.017		0.167	0.015	0.029		1.86		0.061	
	n	12		5		5		5		5	5	5		5		12	
1, 3-BAC	Mean	444.8		0.460		74.80		0.360		2.500	0.156	0.652		13.82		0.718	
60	S.D.	46.1		0.065		11.53		0.052		0.157	0.005	0.086		1.23		0.085	
	n	12		5		5		5		5	5	5		5		12	
1, 3-BAC	Mean	397.5	456.0	0.514	0.456	71.76	69.98	0.342	0.338	2.480	0.188	0.695	0.626	17.84**	15.74**	0.705	0.686
300	S.D.	35.0	29.7	0.058	0.030	13.14	16.68	0.045	0.029	0.080	0.019	0.038	0.042	2.03	1.28	0.275	0.113
	n	6	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5

Significantly different from control : * P<0.05; ** P<0.01.

Table 84 Relative Organ Weight - Summary

Test Substance Dose (mg/kg)	Epididymides %	Day 43		Day 57		
		Mean	S.D.	n	Mean	S.D.
1, 3-BAC 0	Mean	0.281	0.278			
	S.D.	0.027	0.015			
	n	7	5			
1, 3-BAC 10	Mean	0.281				
	S.D.	0.020				
	n	12				
1, 3-BAC 60	Mean	0.272				
	S.D.	0.031				
	n	12				
1, 3-BAC 300	Mean	0.270	0.278			
	S.D.	0.079	0.028			
	n	6	5			

Significantly different from control : *, P<0.05; **, P<0.01.

Table 35

Study No. B041798

Relative Organ Weight - Summary (F0 Delivered-on Weaning)

Sex : Female

Unit : g/100gBW

Test Substance Dose(mg/kg)	Mean S.D. n	F. B. W. (g)	Brain	Thymus (x10 ⁻³)	Heart	Liver	Spleen	Kidneys	Adrenals (x10 ⁻³)
1, 3-BAC 0	316.2 16.0 5	0.624 0.017 5	88.14 33.20 5	0.360 0.027 5	3.488 0.188 5	0.232 0.033 5	0.658 0.054 5	23.36 1.84 5	
1, 3-BAC 10	299.4 17.1 5	0.666 0.028 5	98.26 19.48 5	0.354 0.017 5	3.640 0.149 5	0.286 0.054 5	0.696 0.059 5	25.40 3.30 5	
1, 3-BAC 60	309.0 17.3 5	0.640 0.049 5	95.02 21.30 5	0.330 0.033 5	3.428 0.263 5	0.248 0.030 5	0.656 0.041 5	25.40 3.77 5	
1, 3-BAC 300	292.8 18.7 5	0.674 0.046 5	75.48 27.74 5	0.356 0.018 5	3.678 0.116 5	0.240 0.066 5	0.744* 0.021 5	31.93* 7.52 5	

Significantly different from control : *, P<0.05; **, P<0.01.

Table 36 Relative Organ Weight - Summary

Female #

Test Substance Dose (mg/kg)	Final Body Weight g	Brain		Thymus		Heart		Liver		Spleen		Kidneys		Adrenals	
		% Day 57	% Day 57	x10 ⁻³ % Day 57	% Day 57	% Day 57	% Day 57	% Day 57	% Day 57	% Day 57	% Day 57	x10 ⁻³ % Day 57	% Day 57	x10 ⁻³ % Day 57	
1, 3-BAC 0	Mean 296.0 S.D. 16.0 n 5	0.646 0.034 5	101.44 13.09 5	0.342 0.019 5	2.642 0.085 5	0.196 0.022 5	0.650 0.032 5	25.74 1.37 5							
1, 3-BAC 300	Mean 293.0 S.D. 23.6 n 5	0.686 0.042 5	115.42 23.14 5	0.338 0.019 5	2.804** 0.065 5	0.184 0.029 5	0.670 0.071 5	27.48 5.29 5							

Significantly different from control : *, P<0.05; **, P<0.01.
#: Satellite animal

Table 37 Necropsy Findings - Summary

Organ Findings	Sex	Male				Female					
		Test Substance	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg		
Dose		0	0	10	60	300	0	0	10	60	300
Dose Unit				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Number of Animals		7	7	12	12	6	12	12	12	12	11
Number of Animals Examined		<7>	<7>	<12>	<12>	<6>	<12>	<12>	<12>	<12>	<11>
Stomach											
Adhesion, forestomach		0	0	0	0	0	0	0	0	0	1
Thickening, forestomach, wall		0	0	0	0	6	0	0	0	0	11
Ulcer, forestomach, mucosa		0	0	0	0	0	0	0	0	0	1
Liver											
Whitish patch		0	0	0	0	0	0	0	0	0	1
Testis											
Small		0	0	0	0	2	0	0	0	0	0
Epididymis											
Small		0	0	0	0	2	0	0	0	0	0

Table 37 Necropsy Findings - Summary

Organ Findings	Scheduled Sacrifice (Recovery)	
	Male	Female
Sex	1, 3-BAC	1, 3-BAC
Test Substance	0	0
Dose	300 mg/kg	300 mg/kg
Dose Unit	5	5
Number of Animals	<5>	<5>
Number of Animals Examined	<5>	<5>
Uterus Distention	1	0

Table 37 Necropsy Findings - Summary

Death

Organ Findings	Sex	Test Substance Dose	Dose Unit	Number of Animals Examined	Male 1, 3-BAC mg/kg
Thymus					<1>
Dark reddish change				1	
Spleen					
Small				1	
Lung (and bronchus)					
Dark reddish change				1	
Stomach					
Dark reddish change, glandular stomach, mucosa				1	
Small intestine, duodenum					
Abnormal contents				1	
Small intestine, jejunum					
Abnormal contents				1	
Small intestine, ileum					
Abnormal contents				1	
Dilatation					
				1	
Large intestine, cecum					
Dilatation					
				1	

Not pregnant

Table 37 Necropsy Findings - Summary

Sex	Female
Test Substance	1, 3-BAC
Dose	300
Dose Unit	mg/kg
Number of Animals	1
Number of Animals Examined	<1>
Stomach	
Thickening, forestomach, wall	1

Table 38. Histological Findings - Summary

Organ Findings	Sex	Scheduled Sacrifice							
		Male		Female					
		Test Substance Dose mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg				
Heart									
Degeneration, myocardial fiber									
		Grade	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg
		1	<0>	<0>	<0>	<0>	<0>	<0>	<5>
		2	<0>	<0>	<0>	<0>	<0>	<0>	1
		3	<0>	<0>	<0>	<0>	<0>	<0>	0
		4	<0>	<0>	<0>	<0>	<0>	<0>	0
Lymph node, mandibular			<0>	<0>	<0>	<0>	<0>	<0>	<5>
Lymph node, mesenteric			<0>	<0>	<0>	<0>	<0>	<0>	<5>
Thymus			<0>	<0>	<0>	<0>	<0>	<0>	<5>
Spleen			<0>	<0>	<0>	<0>	<0>	<0>	<5>
Extramedullary hematopoiesis, erythrocytic		Grade	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg
		1	<0>	<0>	<0>	<0>	<0>	<0>	<5>
		2	<0>	<0>	<0>	<0>	<0>	<0>	5
		3	<0>	<0>	<0>	<0>	<0>	<0>	0
		4	<0>	<0>	<0>	<0>	<0>	<0>	0
Bone marrow, femur			<0>	<0>	<0>	<0>	<0>	<0>	<5>
Trachea			<0>	<0>	<0>	<0>	<0>	<0>	<5>
Lung (and bronchus)			<0>	<0>	<0>	<0>	<0>	<0>	<5>
Accumulation, macrophage		Grade	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg
		1	<0>	<0>	<0>	<0>	<0>	<0>	<5>
		2	<0>	<0>	<0>	<0>	<0>	<0>	1
		3	<0>	<0>	<0>	<0>	<0>	<0>	0
		4	<0>	<0>	<0>	<0>	<0>	<0>	0

◇, Number of animals examined
 1, Minimal; 2, Mild; 3, Moderate; 4, Severe

Table 38 Histological Findings - Summary

Scheduled Sacrifice

Organ Findings	Sex	Test Substance Dose	Dose Unit	Number of Animals	Male		Female						
					1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg					
Lung (and bronchus) Hemorrhage				Grade									
				1	<5>	<0>	<5>	<0>	<5>	<0>	<5>	<0>	<5>
				2	3		3		3		2		2
				3	0		0		0		0		0
Metaplasia, osseous				1	2		2		2		1		1
				2	0		0		0		0		0
				3	0		0		0		0		0
				4	0		0		0		0		0
Mineralization, arterial wall				1	1		1		1		0		0
				2	0		0		0		0		0
				3	0		0		0		0		0
				4	0		0		0		0		0
Stomach Cell infiltration, inflammatory, forestomach, focal				1	<5>	<5>	<5>	<5>	<5>	<6>	<5>	<5>	<12>
				2	0		0		0		0		1
				3	0		0		0		6		9
				4	0		0		0		0		1
Erosion, glandular stomach				1	0		0		0		0		0
				2	0		0		0		0		0
				3	0		0		0		0		0
				4	0		0		0		0		0

◇, Number of animals examined
 1, Minimal; 2, Mild; 3, Moderate; 4, Severe
 Significantly different from control : **, P<0.01.

Table 38 Histological Findings - Summary

Scheduled Sacrifice

Organ Findings	Sex	Male		Female	
		1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg
Stomach					
Hyperkeratosis, forestomach, focal		1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg
	Grade	0	0	0	0
	1	<5>	<5>	<5>	<11>
	2	0	0	0	11
	3	0	0	0	0
	4	0	0	0	0
Hyperplasia, squamous, forestomach, focal					
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0
Ulcer, forestomach					
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0
Small intestine, duodenum					
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0
Small intestine, jejunum					
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0
Small intestine, ileum					
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0
Large intestine, cecum					
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0
Large intestine, colon					
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0
Large intestine, rectum					
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0

<>, Number of animals examined

1, Minimal; 2, Mild; 3, Moderate; 4, Severe

Significantly different from control : *, P<0.05; **, P<0.01.

Table 38 Histological Findings - Summary

Organ Findings	Sex	Scheduled Sacrifice													
		Male					Female								
		Test Substance Dose	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg				
		7	0	10	60	300	6	0	10	60	300	12	12	12	11
		Number of Animals	Grade												
Liver															
Cell infiltration, inflammatory, focal			1	<0>	<0>	<5>	2	<0>	<0>	<0>	<0>	<0>	<0>	<0>	<6>
			2	<0>	<0>	3	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	2
			3	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			4	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
Granulomatous inflammation, focal			1	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			2	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	1
			3	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			4	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
Necrosis, hepatocyte, focal			1	<0>	<0>	1	1	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			2	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			3	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			4	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
Kidney			1	<0>	<0>	<5>	1	<0>	<0>	<0>	<0>	<0>	<0>	<0>	<5>
Basophilic tubule, proximal tubule			2	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			3	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			4	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
Cast, hyaline			1	<0>	<0>	2	2	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			2	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			3	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0
			4	<0>	<0>	0	0	<0>	<0>	<0>	<0>	<0>	<0>	<0>	0

◇, Number of animals examined
 1, Minimal; 2, Mild; 3, Moderate; 4, Severe

Table 38 Histological Findings - Summary

Organ Findings	Sex	Test Substance	Male		Female		Scheduled Sacrifice		
			1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	
Kidney Cell infiltration, lymphocyte, interstitium	Grade	Dose Unit	Number of Animals	1	<5>	<0>	<5>	<0>	<5>
				2	1	<0>	2	<0>	0
				3	0	<0>	0	<0>	0
				4	0	<0>	0	<0>	0
Mineralization, medulla	Grade	Dose Unit	Number of Animals	1	2	<0>	1	<0>	1
				2	0	<0>	0	<0>	0
				3	0	<0>	0	<0>	0
				4	0	<0>	0	<0>	0
Urinary bladder	Grade	Dose Unit	Number of Animals	<5>	<0>	<0>	<5>	<0>	<5>
				<5>	<0>	<0>	<5>	<0>	<5>
				0	<0>	<0>	2	<0>	0
				0	<0>	<0>	0	<0>	0
Testis Atrophy, seminiferous tubule	Grade	Dose Unit	Number of Animals	1	<5>	<5>	<5>	<5>	<5>
				2	0	2	0	2	*
				3	0	0	0	0	0
				4	0	0	0	1	1
Hyperplasia, interstitial cell, diffuse	Grade	Dose Unit	Number of Animals	1	0	0	1	1	1
				2	0	0	0	0	0
				3	0	0	0	0	0
				4	0	0	0	0	0

◊, Number of animals examined
 1, Minimal; 2, Mild; 3, Moderate; 4, Severe
 Significantly different from control : *, P<0.05.

Table 38 Histological Findings - Summary

Scheduled Sacrifice

Organ Findings	Sex	Test Substance Dose	Dose Unit	Number of Animals	Male		Female	
					1, 3-BAC mg/kg	Grade	1, 3-BAC mg/kg	Grade
Epididymis Atrophy, duct					1, 3-BAC mg/kg	Grade	1, 3-BAC mg/kg	Grade
					0	<4>	0	<4>
					7	<5>	0	<5>
					10	<5>	6	<5>
Cell debris, duct					10	<4>	10	<4>
					12	<4>	12	<4>
					60	<4>	60	<4>
					12	<4>	12	<4>
Decrease, sperm, duct					10	<4>	10	<4>
					12	<4>	12	<4>
					60	<4>	60	<4>
					12	<4>	12	<4>
Seminal vesicle					10	<4>	10	<4>
					12	<4>	12	<4>
					60	<4>	60	<4>
					12	<4>	12	<4>
Prostate Cell infiltration, lymphocyte, interstitium					10	<4>	10	<4>
					12	<4>	12	<4>
					60	<4>	60	<4>
					12	<4>	12	<4>
Coagulating gland					10	<4>	10	<4>
					12	<4>	12	<4>
					60	<4>	60	<4>
					12	<4>	12	<4>
Ovary					10	<4>	10	<4>
					12	<4>	12	<4>
					60	<4>	60	<4>
					12	<4>	12	<4>

◇, Number of animals examined
 1, Minimal; 2, Mild; 3, Moderate; 4, Severe

Table 38 Histological Findings - Summary

Organ Findings	Sex	Test Substance Dose Unit	Number of Animals	Scheduled Sacrifice													
				Male				Female									
				1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg						
Uterus				7	10	60	300	0	10	10	60	300	0	10	10	60	300
Vagina																	
Pituitary Aberrant craniopharyngeal tissue			1 2 3 4	<5> 0 0 0 0	<0>	<0>	<5> 1 0 0 0	0 0 0 0	<0>	<0>	<0>	<0>	0 0 0 0	<0>	<0>	<0>	0 0 0 0
Thyroid Ectopic thymic tissue			1 2 3 4	<5> 0 0 0 0	<0>	<0>	<5> 1 0 0 0	0 0 0 0	<0>	<0>	<0>	<0>	<5> 0 0 0 0	<0>	<0>	<0>	<5> 0 0 0 0
Ultimobranchial remnant			1 2 3 4	4 0 0 0			4 0 0 0	5 0 0 0					5 0 0 0				3 0 0 0
Parathyroid				<5>	<0>	<0>	<5>	<5>	<0>	<0>	<0>	<0>	<5>	<0>	<0>	<0>	<5>
Adrenal Necrosis, fascicular zone, focal			1 2 3 4	<5> 0 0 0 0	<5> 0 0 0 0	<5> 0 0 0 0	<5> 0 0 0 0	0 0 0 0	<5> 0 0 0 0	<5> 0 0 0 0	<5> 0 0 0 0	<5> 0 0 0 0	0 0 0 0	<5> 0 0 0 0	<5> 0 0 0 0	<5> 0 0 0 0	1 0 0 0

◇, Number of animals examined
 1, Minimal; 2, Mild; 3, Moderate; 4, Severe

Table 38 Histological Findings - Summary

Organ Findings	Sex	Scheduled Sacrifice					
		Male			Female		
		1, 3-BAC Dose mg/kg	1, 3-BAC Dose mg/kg	1, 3-BAC Dose mg/kg	1, 3-BAC Dose mg/kg	1, 3-BAC Dose mg/kg	1, 3-BAC Dose mg/kg
Number of Animals	7	7	10	10	6	12	11
Brain		<5>	<0>	<0>	<5>	<0>	<5>
Spinal cord		<5>	<0>	<0>	<5>	<0>	<5>
Sciatic nerve		<5>	<0>	<0>	<5>	<0>	<5>
◇, Number of animals examined							

Table 38 Histological Findings - Summary

Organ Findings	Sex	Scheduled Sacrifice (Recovery)			
		Male		Female	
		Test Substance Dose	1, 3-BAC mg/kg	1, 3-BAC mg/kg	1, 3-BAC mg/kg
		300	5	0	5
		Number of Animals	Grade		
Stomach					
Cell infiltration, inflammatory, forestomach, focal					
			1	<5>	<5>
			2	3	2
			3	0	0
			4	0	0
				0	0
				0	0
Cyst, glandular stomach			1	0	0
			2	0	0
			3	0	0
			4	0	0
				0	0
				0	0
Hyperplasia, squamous, forestomach, focal			1	5	5
			2	0	0
			3	0	0
			4	0	0
				0	0
				0	0
Small intestine, duodenum				<5>	<5>
Small intestine, jejunum				<5>	<5>
Small intestine, ileum				<5>	<5>
Testis				<5>	<5>
Atrophy, seminiferous tubule			1	0	0
			2	0	0
			3	0	1
			4	0	0

◇. Number of animals examined
 1, Minimal; 2, Mild; 3, Moderate; 4, Severe

Table 38 Histological Findings - Summary

Organ Findings	Scheduled Sacrifice (Recovery)			
	Sex	Male	Female	
Test Substance	1, 3-BAC	1, 3-BAC	1, 3-BAC	
Dose	0	300	0	300
Dose Unit	mg/kg	mg/kg	mg/kg	mg/kg
Number of Animals	5	5	5	5
	Grade	<5>	<5>	<5>
Epididymis				
Uterus				
Dilatation, lumen	1	<1>	<1>	<0>
	2	0	0	
	3	0	0	
	4	0	0	
Adrenal		<5>	<5>	<5>

◇, Number of animals examined
 1, Minimal; 2, Mild; 3, Moderate; 4, Severe

Table 38 Histological Findings - Summary

Organ Findings	Sex	Test Substance	Dose	Dose Unit	Number of Animals	Grade	Death	Male
								1, 3-BAC 300 mg/kg
Heart								<1>
Lymph node, mandibular								<1>
Thymus Atrophy					1			<1>
					2			0
					3			1
					4			0
					0			0
Spleen Atrophy								<1>
					1			1
					2			0
					3			0
					4			0
Bone marrow, femur								<1>
Lung (and bronchus) Congestion								<1>
					1			1
					2			0
					3			0
					4			0
Edema								1
					1			1
					2			0
					3			0
					4			0

◇, Number of animals examined
 1, Minimal; 2, Mild; 3, Moderate; 4, Severe

Table 38 Histological Findings - Summary

Organ Findings	Sex	Test Substance	Dose	Dose Unit	Number of Animals	Grade	Male	Death
Stomach							<1>	
Cell infiltration, inflammatory, forestomach, focal					1	0		
					2	1		
					3	0		
					4	0		
Hemorrhage, glandular stomach					1	1		
					2	0		
					3	0		
					4	0		
Hyperplasia, squamous, forestomach, focal					1	0		
					2	1		
					3	0		
					4	0		
Liver							<1>	
Kidney Cyst							<1>	
					1	1		
					2	0		
					3	0		
					4	0		
Urinary bladder							<1>	
Testis							<1>	

◇, Number of animals examined
 1, Minimal; 2, Mild; 3, Moderate; 4, Severe

Table 38 Histological Findings - Summary

Organ Findings	Sex	Test Substance	Dose	Dose Unit	Number of Animals	Grade	Death
Epididymis	Male	1, 3-BAC	300	mg/kg	1	<1>	
Seminal vesicle						<1>	
Prostate						<1>	
Coagulating gland						<1>	
Pituitary						<1>	
Parathyroid						<1>	
Adrenal						<1>	
Brain						<1>	
Spinal cord						<1>	
Sciatic nerve						<1>	

◇, Number of animals examined

Not pregnant

Table 38 Histological Findings - Summary

Organ Findings	Sex	Test Substance	Dose	Dose Unit	Number of Animals	Grade
Stomach	Female	1, 3-BAC	300	mg/kg	1	<1>
Cell infiltration, inflammatory, forestomach, focal						1 0 2 1 3 0 4 0
Hyperkeratosis, forestomach, focal						1 1 2 0 3 0 4 0
Hyperplasia, squamous, forestomach, focal						1 0 2 0 3 1 4 0
Ulcer, forestomach						1 1 2 0 3 0 4 0
Ovary						<1>

◇, Number of animals examined
1, Minimal; 2, Mild; 3, Moderate; 4, Severe

Table 39

Study No. B041798

 Reproductive Performance (F0) - Summary
 Mating Stage : 1st

Test Substance Dose (mg/kg)	Number of Pairs	Mean Estrus Cycle	Incidence of Females with Irregular Estrus Cycle	Mating Period		Copulation Index (%)	Fertility Index (%)
				Number of Estrus	Day of Conceiving		
1, 3-BAC		Mean S.D. n					
M	12	4.00 0.00 12	0/12	0.0 0.0 12	2.3 1.4 12	100.0 a) (12/12)	100.0 b) (12/12)
1, 3-BAC		Mean S.D. n					
M	12	4.17 0.39 12	0/12	0.0 0.0 12	3.5 2.6 12	100.0 (12/12)	100.0 (12/12)
1, 3-BAC		Mean S.D. n					
M	12	4.00 0.00 12	0/12	0.0 0.0 12	2.3 1.1 12	100.0 (12/12)	100.0 (12/12)
1, 3-BAC		Mean S.D. n					
M	12	4.09 0.20 11	1/12	0.1 0.3 12	3.8 3.4 12	100.0 (12/12)	91.7 (11/12)

a) : Number of copulated females / Number of pairs
 b) : Number of pregnant females / Number of copulated females
 Significantly different from control : *, P<0.05; **, P<0.01.

Table 40

Delivery Data (F0) - Summary

Test Substance Dose (mg/kg)	Mean	S.D.	n	Gestation Length (days)	Number of Corpora Lutea	Number of Implantation Sites	Total Number of Offspring	Implantation Index (%)	Delivery Index (%)	Gestation Index (%)
1, 3-BAC 0	22.4	0.5	12	17.7	15.8	14.6	89.92	92.53	100.0	
							8.03	7.59	(12/12)a)	
1, 3-BAC 10	22.4	0.5	12	18.2	16.1	14.8	88.71	92.80	100.0	
							16.95	5.63	(12/12)	
1, 3-BAC 50	22.5	0.5	12	16.8	15.3	14.1	91.71	92.36	100.0	
							6.87	4.88	(12/12)	
1, 3-BAC 300	22.5	0.5	11	16.9	15.8	14.8	93.48	93.72	100.0	
							4.14	6.78	(11/11)	

a) : Number of pregnant animals delivered live offspring / number of pregnant animals
 : *; p<0.05; **; p<0.01.
 Significantly different from control

Table 41

Study No. B041798

Litter Size and Viability Index (FI) - Summary

Test Substance Dose (mg/kg)	Total Number of Offspring at Birth		Number of Live Offspring at Birth		Number of Live Offspring on Day 4 before Culling			Number of Live Offspring on Day 5			Viability Index (%)				
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	Day 0	Day 4	Day 5
	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n	Mean	S.D.	n
1, 3-BAC 0	7.0	7.6	14.6	7.0	7.5	14.5	6.9	7.3	14.3	6.9	7.3	14.3	99.48	98.40	
	2.0	2.0	1.1	2.0	2.1	1.0	1.9	2.0	0.9	1.9	2.0	0.9	1.79	3.94	
	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	(84/91)		(84/90)			(83/88)									
1, 3-BAC 10	6.8	8.1	14.8	6.7	7.9	14.6	6.7	7.8	14.5	6.7	7.8	14.5	98.43	99.44	
	2.1	1.7	3.0	2.1	1.7	3.0	2.1	1.6	3.0	2.1	1.6	3.0	2.87	1.93	
	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	(81/97)		(80/95)			(80/94)									
1, 3-BAC 60	6.9	7.2	14.1	6.9	7.1	14.0	6.8	7.1	13.9	6.8	7.1	13.9	99.44	99.24	
	3.2	2.9	1.7	3.2	2.9	1.7	3.2	2.9	1.9	3.2	2.9	1.9	1.93	2.63	
	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	(83/86)		(83/85)			(82/85)									
1, 3-BAC 300	7.5	7.3	14.8	7.2	7.0	14.2	6.9	6.5	13.4	6.9	6.5	13.4	96.25	91.82	
	1.8	2.1	1.9	2.1	2.0	2.3	2.7	2.9	4.5	2.7	2.9	4.5	12.42	27.14	
	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	(83/80)		(79/77)			(76/71)									

Significantly different from control

: *, P<0.05; **, P<0.01.

Table 42

Study No. B041798

Clinical Sign (Fl before Weaning) - Summary
 Stage : Before Culling

Test Substance Dose (mg/kg)	Findings (M/F)	Day				
		0	1	2	3	4
1, 3-BAC 0	Number of dams	12	12	12	12	12
	Number of offspring	84/91/0	84/90	84/90	84/89	84/88
	Number of dams with abnormal offspring	0	0	0	0	0
	No Abnormality Death (M/F/U)	84/90 0/1/0	84/90 0/0	84/89 0/1	84/88 0/1	83/88 1/0
1, 3-BAC 10	Number of dams	12	12	12	12	12
	Number of offspring	81/97/0	80/95	80/95	80/95	80/94
	Number of dams with abnormal offspring	0	0	0	0	0
	No Abnormality Death (M/F/U)	80/95 1/2/0	80/95 0/0	80/95 0/0	80/94 0/1	80/94 0/0
1, 3-BAC 60	Number of dams	12	12	12	12	12
	Number of offspring	83/86/0	83/85	82/85	82/85	82/85
	Number of dams with abnormal offspring	0	0	0	0	0
	No Abnormality Death (M/F/U)	83/85 0/1/0	82/85 1/0	82/85 0/0	82/85 0/0	82/85 0/0
1, 3-BAC 300	Number of dams	11	11	11	11	11
	Number of offspring	83/80/0	79/77	76/71	76/71	76/71
	Number of dams with abnormal offspring	1	0	0	0	0
	No Abnormality Death (M/F/U) Loss of suckling	76/75 4/3/0 3/2	76/71 3/6	76/71 0/0	76/71 0/0	76/71 0/0

M:Male, F:Female, U:Unable to be sexed on day 0

Table 43

Study No. B041798

Body Weight of Offspring (F1 before Weaning) - Summary
Sex : Male

Test Substance Dose (mg/kg)	before Culling		after Culling		Unit : g
	Mean S.D. n	/Day	Mean S.D. n	/Day	
1, 3-BAC 0	7.0 0.4 12	0	10.9 0.7 12	4	
1, 3-BAC 10	6.8 0.7 12		11.2 1.8 12		
1, 3-BAC 60	7.0 0.4 12		11.2 0.8 12		
1, 3-BAC 300	6.8 1.1 11		10.7 1.7 11		

Significantly different from control : *, P<0.05; **, P<0.01.

Table 43

Study No. B041798

Body Weight of Offspring (F1 before Weaning) - Summary
Sex : Female

Unit : g

Test Substance Dose (mg/kg)	before Culling		after Culling	
	Mean S.D. n	/Day	Mean S.D. n	/Day
1, 3-BAC 0	6.5 0.8 12	0	10.3 0.8 12	4
1, 3-BAC 10	6.5 0.7 12	0	10.7 1.6 12	4
1, 3-BAC 60	6.6 0.4 12	0	10.7 0.9 12	4
1, 3-BAC 300	6.5 1.1 11	0	10.5 1.4 10	4

Significantly different from control : *, P<0.05; **, P<0.01.

Table 44

Study No. B041798

Body Weight Gain of Offspring (P1 before Weaning) - Summary
 Sex : Male Base : Day 4 after Birth

Test Substance Dose (mg/kg)	before Culling		after Culling		Unit : g
	/Day	0 - 4			
1, 3-BAC 0	Mean S.D. n	3.9 0.6 12			
1, 3-BAC 10	Mean S.D. n	4.3 1.1 12			
1, 3-BAC 60	Mean S.D. n	4.2 0.7 12			
1, 3-BAC 300	Mean S.D. n	3.9 0.8 11			

Significantly different from control : *, P<0.05; **, P<0.01.

Table 44

Body Weight Gain of Offspring (P1 before Weaning) - Summary
 Sex : Female Base : Day 4 after Birth

Unit : g

Test Substance Dose (mg/kg)	/Day	before Culling		after Culling	
		0	4		
1, 3-BAC 0	Mean	3.8			
	S.D. n	0.5 12			
1, 3-BAC 10	Mean	4.2			
	S.D. n	0.9 12			
1, 3-BAC 60	Mean	4.1			
	S.D. n	0.7 12			
1, 3-BAC 300	Mean	3.9			
	S.D. n	0.4 10			

Significantly different from control : *, P<0.05; **, P<0.01.

Table 45

Study No. B041798

External Examination of Offspring (F1) - Summary
Day : 0 (Birth Day)

Test Substance	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC
Dose (mg/kg)	0	10	60	300	300
Number of Dams	12	12	12	11	11
Number of Offspring	174	175	168	156	156
Number of Dams with Anomalous Offspring	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Number of Offspring with Any Anomalies	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)

Significantly different from control : *, P<0.05; **, P<0.01.

Table 46

Study No. B041798

Necropsy Findings (F1 Offspring)
Test Substance : 1, 3-BAC

Test Substance Dose (mg/kg)	/Findings	Day:	Scheduled Sacrifice		Dead		Dead		Dead		Dead	
			M	F	M	F	M	F	M	F	M	F
1, 3-BAC 0	Number of offspring examined No abnormality		83	88	0	1	1	1	3	1	4	1
			83	88		1		1		1		1
1, 3-BAC 10	Number of offspring examined No abnormality		80	94	1	2						
			80	94	1	2						
1, 3-BAC 60	Number of offspring examined No abnormality		82	85								
			82	85								
1, 3-BAC 300	Number of offspring examined No abnormality		76	71	4	3	1	3				
			76	71	4	3	1	3				

M:Male, F:Female