

Table 7 Detailed Clinical Observations - Summary (Week 6)

Items	Sex: Test Substance: Dose (mg/kg): Number of Animals:	Male				Female			
		1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC
		0	10	60	300	0	10	60	300
		12	12	12	11	17	12	12	17
Home cage observations	(Criteria)								
Tremor	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
Clonic convulsion	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
Tonic convulsion	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Breathing	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Hand-held observations									
Reactivity on removal	1	0	0	0	0	0	0	0	0
from the cage	2	12	12	12	11	17	12	12	17
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0

See Annex 12.7 for details of criteria.

Table 7 Detailed Clinical Observations - Summary (Week 6)

Items	Sex: Test Substance: Dose (mg/kg): Number of Animals:	Male				Female			
		1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC
		0	10	60	300	0	10	60	300
		12	12	12	11	17	12	12	17
Hand-held observations	(Criteria)								
Reactivity to handling	1	0	0	0	0	0	0	0	0
	2	12	12	12	11	17	12	12	17
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
Aggression	N	12	12	12	11	17	12	12	17
	P	0	0	0	0	0	0	0	0
Trauma	N	12	12	12	11	17	12	12	17
	P	0	0	0	0	0	0	0	0
Color of skin	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
Soiled fur	N	12	12	12	11	17	12	12	17
	P	0	0	0	0	0	0	0	0
Exophthalmos	N	12	12	12	11	17	12	12	17
	P	0	0	0	0	0	0	0	0
Palpebral closure	1	12	12	12	11	17	12	12	17
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
Color of conjunctiva	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
Secretion	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0

See Annex 12.7 for details of criteria.

Table 7 Detailed Clinical Observations - Summary (Week 6)

Items	Sex:	Male				Female				
		1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	
	Test Substance:	0	10	60	300	0	10	60	300	
	Dose (mg/kg):	0	10	60	300	0	10	60	300	
	Number of Animals:	12	12	12	11	17	12	12	17	
Hand-held observations		(Criteria)								
Lacrimation	N	12	12	12	11	17	12	12	17	
	1	0	0	0	0	0	0	0	0	
	2	0	0	0	0	0	0	0	0	
	3	0	0	0	0	0	0	0	0	
Salivation	N	12	12	12	11	17	12	12	17	
	1	0	0	0	0	0	0	0	0	
	2	0	0	0	0	0	0	0	0	
	3	0	0	0	0	0	0	0	0	
Piloerection	N	12	12	12	11	17	12	12	17	
	P	0	0	0	0	0	0	0	0	
Pupil size	N	12	12	12	11	17	12	12	17	
	1	0	0	0	0	0	0	0	0	
	2	0	0	0	0	0	0	0	0	
Open field observations										
Rearing	Mean	8.3	3.3	6.0	3.9	8.7	6.3	10.8	8.0	
	S. D.	4.4	3.2	4.9	3.2	3.9	3.7	5.0	4.2	
Arousal	1	0	0	0	0	0	0	0	0	
	2	0	0	0	0	0	0	0	0	
	3	12	12	12	11	17	12	12	17	
	4	0	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	0	
Urination	N	12	12	11	10	15	12	10	15	
	P	0	0	1	1	2	0	2	2	

See Annex 12.7 for details of criteria.

Table 7 Detailed Clinical Observations - Summary (Week 6)

Items	Sex: Test Substance: Dose (mg/kg): Number of Animals:	Male				Female			
		1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC
		0	10	60	300	0	10	60	300
		12	12	12	11	17	12	12	17
Open field observations	(Criteria)								
Defecation	N	10	12	11	10	16	12	12	17
	P	2	0	1	1	1	0	0	0
Posture, body position	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Breathing	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Co-ordination movement	N	12	12	12	11	17	12	12	17
	P	0	0	0	0	0	0	0	0
Gait	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0
Tremor	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0

See Annex 12.7 for details of criteria.

Table 7 Detailed Clinical Observations - Summary (Week 6)

Items	Sex:	Male				Female			
		1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC
	Test Substance:	0	10	60	300	0	10	60	300
	Dose (mg/kg):	0	10	60	300	0	10	60	300
	Number of Animals:	12	12	12	11	17	12	12	17
Open field observations	(Criteria)								
Clonic convulsion	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
Tonic convulsion	N	12	12	12	11	17	12	12	17
	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Stereotypy	N	12	12	12	11	17	12	12	17
	P	0	0	0	0	0	0	0	0
Bizarre behaviour	N	12	12	12	11	17	12	12	17
	P	0	0	0	0	0	0	0	0

See Annex 12.7 for details of criteria.

Table 8 Functional Tests - Summary		(Week 6)							
Items	Sex:	Male				Female			
	Test Substance:	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC	1, 3-BAC
	Dose (mg/kg):	0	10	60	300	0	10	60	300
	Number of Animals:	5	5	5	5	5	5	5	5
Sensory reactivity to stimuli (Criteria)									
Approach response	1	0	0	0	0	0	0	0	0
	2	3	5	5	5	4	5	5	5
	3	2	0	0	0	1	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Touch response	1	0	0	0	0	0	0	0	0
	2	4	5	5	5	0	4	4	5
	3	1	0	0	0	5	1	1	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Auditory response	1	0	0	0	0	0	0	0	0
	2	5	5	5	5	5	5	5	5
	3	0	0	0	0	0	0	0	0
Tail pinch response	1	0	0	0	0	0	0	0	0
	2	5	4	4	5	3	5	5	5
	3	0	1	1	0	2	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Aerial righting reaction	1	5	5	5	5	5	5	5	5
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
Grip strength									
Forelimb grip strength	Mean (g)	1108.2	1227.8	1269.0	1309.0	1016.4	1068.2	1065.8	1086.4
	S. D.	192.4	134.7	243.1	44.3	106.6	110.9	54.7	135.7
Hindlimb grip strength	Mean (g)	784.4	827.0	835.4	869.6	697.2	644.0	700.0	609.2
	S. D.	16.9	115.6	105.3	66.8	42.1	69.4	73.1	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)							Male
Test Substance	Time:	0-10 min	10-20 min	20-30 min	30-40min	40-50min	50-60min	Total	
Dose (mg/kg)	Unit:	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/1 hr	
1, 3-BAC	Mean	2436.2	1739.2	659.0	274.4	36.8	7.0	5152.6	
0	S. D.	269.9	517.1	488.3	453.1	76.2	7.9	1284.3	
	n	5	5	5	5	5	5	5	
1, 3-BAC	Mean	2549.0	1677.2	755.6	311.6	14.8	10.6	5318.8	
10	S. D.	322.6	762.7	742.2	248.3	22.1	9.0	1321.9	
	n	5	5	5	5	5	5	5	
1, 3-BAC	Mean	2550.2	1714.2	943.6	188.4	36.8	34.4	5467.6	
60	S. D.	170.4	706.4	634.4	241.9	64.0	76.9	1691.4	
	n	5	5	5	5	5	5	5	
1, 3-BAC	Mean	2255.2	1384.4	621.4	162.0	25.0	22.6	4470.6	
300	S. D.	270.0	604.7	701.9	153.9	21.2	25.4	1466.4	
	n	5	5	5	5	5	5	5	

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

Table 10 Motor Activity - Summary

(Week 6)

Female

Test Substance	Time:	0-10 min	10-20 min	20-30 min	30-40min	40-50min	50-60min	Total
Dose (mg/kg)	Unit:	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/10 min	Count/1 hr
1, 3-BAC	Mean	1549.6	647.8	889.4	587.4	515.4	343.8	4533.4
0	S. D.	575.4	545.4	831.7	837.9	903.9	377.8	3532.9
	n	5	5	5	5	5	5	5
1, 3-BAC	Mean	1899.4	1390.8	1018.8	969.2	1145.2	1293.6	7717.0
10	S. D.	442.5	1228.5	1058.8	1317.7	1114.9	832.0	5581.8
	n	5	5	5	5	5	5	5
1, 3-BAC	Mean	1845.6	994.2	985.0	813.2	499.2	909.2	6046.4
60	S. D.	395.6	609.0	796.0	718.8	699.2	908.5	2322.0
	n	5	5	5	5	5	5	5
1, 3-BAC	Mean	1548.8	613.8	533.0	691.0	747.8	1041.2	5175.6
300	S. D.	662.8	650.4	905.6	1022.8	1003.2	943.3	3777.2
	n	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	43	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	523.0
	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.

Table 12 Body Weight - Summary

Female

Test Substance Dose(mg/kg)	Day	1	8	15
1, 3-BAC 0	Mean	220.2	237.5	256.1
	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	236.3	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

Unit : g

Test Substance Dose (mg/kg)	/Day	0	7	14	20
1, 3-BAC 0	Mean	263.7	303.3	336.1	413.4
	S. D.	15.1	18.3	20.5	23.2
	n	12	12	12	12
1, 3-BAC 10	Mean	261.9	299.8	335.5	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.

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Table 14

Study No. B041798

Body Weight (F0 Lactation) - Summary

Unit : g

Test Substance Dose (mg/kg)	/Day	0	4
1, 3-BAC 0	Mean	313.9	335.3
	S. D.	26.2	21.0
	n	12	12
1, 3-BAC 10	Mean	311.6	336.3
	S. D.	28.3	22.8
	n	12	12
1, 3-BAC 60	Mean	309.5	326.5
	S. D.	29.5	26.0
	n	12	12
1, 3-BAC 300	Mean	301.2	329.1
	S. D.	37.0	16.1
	n	11	11

Significantly different from control

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

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Table 15 Body Weight - Summary

Test Substance Dose(mg/kg)	Day	Female #						
		22	29	36	42	43	50	56
1, 3-BAC 0	Mean	274.4	281.2	291.8	298.0	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	36	42	43	50	56
1, 3-BAC 0	Mean	0.0	30.7	56.3	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	33.4
	n	12	12	12	12	12	12	12	5	5	5
1, 3-BAC 10	Mean	0.0	31.3	56.6	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	1	8	15
1, 3-BAC 0	Mean	0.0	17.2	35.8
	S.D.	0.0	5.9	8.7
	n	17	17	17
1, 3-BAC 10	Mean	0.0	14.3	29.3
	S.D.	0.0	7.1	12.2
	n	12	12	12
1, 3-BAC 60	Mean	0.0	17.3	34.9
	S.D.	0.0	6.9	11.5
	n	12	12	12
1, 3-BAC 300	Mean	0.0	17.0	34.4
	S.D.	0.0	6.2	11.1
	n	17	17	17

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

Table 18

Study No. B041798

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

Unit : g

Test Substance Dose (mg/kg)	/Day	0	7	14	20
1, 3-BAC 0	Mean	0.0	39.6	72.4	149.8
	S. D.	0.0	5.4	9.7	11.6
	n	12	12	12	12
1, 3-BAC 10	Mean	0.0	37.8	73.6	158.8
	S. D.	0.0	10.2	15.3	21.2
	n	12	12	12	12
1, 3-BAC 60	Mean	0.0	36.7	72.3	150.9
	S. D.	0.0	7.5	12.9	23.2
	n	12	12	12	12
1, 3-BAC 300	Mean	0.0	35.5	74.5	148.9
	S. D.	0.0	8.8	12.5	31.3
	n	11	11	11	11

Significantly different from control

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

Table 19

Study No. B041798

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

Unit : g

Test Substance Dose (mg/kg)	/Day	0	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

Female #

Test Substance Dose (mg/kg)	Day	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	36	38	50	52
1, 3-BAC 0	Mean	26.53	26.68		27.19	28.00	28.88	28.58	27.60
	S. D.	2.62	2.62		2.27	2.57	2.94	2.47	3.49
	n	12	12		12	12	12	5	5
1, 3-BAC 10	Mean	26.50	26.78		27.60	28.02	29.46		
	S. D.	2.66	2.61		2.61	2.89	1.92		
	n	12	12		11	12	12		
1, 3-BAC 60	Mean	25.58	26.69		27.42	28.18	28.92		
	S. D.	2.60	3.19		2.67	3.17	2.54		
	n	12	12		12	12	12		
1, 3-BAC 300	Mean	24.31	25.22		25.88	26.87	27.55	30.28	29.80
	S. D.	2.96	3.21		1.98	2.27	3.08	1.63	2.08
	n	12	12		10	11	11	5	5

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

Table 22 Food Consumption - Summary

Female

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 (FO Gestation) - Summary

Unit : g/animal/day

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

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

Table 24

Study No. B041798

Food Consumption (FO Lactation) - Summary

Unit : g/animal/day

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

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

350

Table 25

Food Consumption - Summary

Female #

Study No. B041798

Unit : g/animal/day

Test Substance Dose(mg/kg)	Day	22	29	36	42	50	56
1,3-BAC 0	Mean	22.16	22.08	21.86	20.68	22.24	22.92
	S.D.	0.67	0.57	1.72	1.87	0.58	0.81
	n	5	5	5	5	5	5
1,3-BAC 300	Mean	20.70*	21.12	20.84	20.76	22.28	23.44
	S.D.	0.82	1.24	2.40	0.97	1.77	1.98
	n	5	5	5	5	5	5

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

Table 26 Hematology - Summary

Male

Test Substance Dose(mg/kg)		Red Blood Cell Count x10E6/ μ L		Hemoglobin conc. g/dL		Hematocrit %		MCV fL		MCH pg		MCHC %		Platelet Count x10E3/ μ L		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 S. D. n	8.806 0.317 5	8.552 0.104 5	15.58 0.36 5	15.24 0.59 5	46.82 1.38 5	45.70 1.45 5	53.24 1.99 5	53.46 2.11 5	17.74 0.56 5	17.84 0.79 5	33.30 0.37 5	33.32 0.58 5	1057.0 84.8 5	935.2 65.8 5	2.38 0.25 5	2.34 0.36 5
1, 3-BAC 10	Mean S. D. n	8.632 0.255 5		15.88 0.65 5		47.04 1.67 5		54.48 0.79 5		18.40 0.47 5		33.78 0.41 5		1056.0 88.2 5		2.48 0.40 5		27.34 9.80 5	
1, 3-BAC 60	Mean S. D. n	8.614 0.529 5		15.70 0.83 5		46.46 2.65 5		53.94 1.44 5		18.26 0.40 5		33.84 0.34 5		1065.4 54.2 5		2.44 0.49 5		22.34 1.58 5	
1, 3-BAC 300	Mean S. D. n	8.112 0.450 5	8.712 0.226 5	14.96 0.81 5	15.50 0.52 5	45.24 2.55 5	47.22 1.64 5	55.78 1.25 5	54.24 2.47 5	18.46 0.27 5	17.78 0.86 5	33.10 0.41 5	32.80 0.46 5	1055.4 180.5 5	1092.6* 126.0 5	3.44** 0.64 5	2.36 0.42 5	20.14 2.85 5	25.50 3.21 5

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

Table 26 Hematology - Summary

Male

Test Substance		APTT	
Dose (mg/kg)		sec	
		Day 43	Day 57
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

Male

Test Substance Dose (mg/kg)		White Blood Cell Count x10E3/ μ L	
		Day 43	Day 57
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.	2.996	
	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	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	0.00	1.64	0.55
	n	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC 10	Mean	89.18		9.42		0.00		0.80		0.00		0.60	
	S.D.	4.10		3.45		0.00		0.45		0.00		0.55	
	n	5		5		5		5		5		5	
1, 3-BAC 60	Mean	89.80		8.60		0.00		0.20		0.00		1.40	
	S.D.	2.77		3.13		0.00		0.45		0.00		0.55	
	n	5		5		5		5		5		5	
1, 3-BAC 300	Mean	88.20	88.10	10.40	7.48*	0.00	0.00	0.00	0.60	0.00	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	0.00	1.67	3.16
	n	5	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 x10E6/ μ L		Hemoglobin conc. g/dL		Hematocrit %		MCV fL		MCH pg		MCHC %		Platelet Count x10E3/ μ L		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	57.20	55.62	19.00	18.88	33.20	33.94	1156.8	1065.2	5.74	2.54
		S.D.	0.341	0.403	0.42	0.61	0.99	1.59	2.39	1.37	0.92	0.40	0.35	0.38	89.4	115.0	0.66	0.85	1.00	0.29
		n	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC	10	Mean	6.766		13.12		38.90		57.64		19.42		33.72	1225.0		8.28		17.92		
		S.D.	0.671		1.01		2.41		2.16		0.47		0.69	187.1		2.48		0.33		
		n	5		5		5		5		5		5	5		5		5		
1, 3-BAC	60	Mean	6.902		13.36		39.98		57.92		19.36		33.42	1105.0		5.88		18.12		
		S.D.	0.214		0.44		1.19		0.94		0.24		0.31	55.6		1.69		0.68		
		n	5		5		5		5		5		5	5		5		5		
1, 3-BAC	300	Mean	6.584	7.928	12.98	15.14	38.88	44.40	59.16	56.02	19.76	19.10	33.38	34.10	1360.8	1054.4	7.56	2.14	17.84	15.68
		S.D.	0.887	0.304	0.34	0.23	0.99	0.65	2.72	2.13	0.82	0.58	0.33	0.32	173.9	124.6	2.39	0.43	0.72	0.31
		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.

Table 27 Hematology - Summary

Female

Test Substance Dose (mg/kg)	APTT		
	sec		
		Day 43	Day 57
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

Female

Test Substance Dose (mg/kg)		White Blood Cell Count x10E3/ μ L	
		Day 43	Day 57
1, 3-BAC 0	Mean	8.852	5.672
	S. D.	2.934	1.263
	n	5	5
1, 3-BAC 10	Mean	9.856	
	S. D.	2.225	
	n	5	
1, 3-BAC 60	Mean	8.304	
	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

Test Substance Dose(mg/kg)	Female												
	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	74.62	86.56	21.56	9.62	0.00	0.00	0.40	0.60	0.00	0.00	3.42	3.22
	S. D.	11.83	4.25	13.11	4.81	0.00	0.00	0.55	0.89	0.00	0.00	2.19	1.51
	n	5	5	5	5	5	5	5	5	5	5	5	5
1, 3-BAC 10	Mean	71.94		26.06		0.40		0.60		0.00		1.00	
	S. D.	5.63		5.30		0.89		0.55		0.00		1.73	
	n	5		5		5		5		5		5	
1, 3-BAC 60	Mean	79.44		16.36		0.00		1.40		0.00		2.80	
	S. D.	8.69		8.05		0.00		0.89		0.00		1.30	
	n	5		5		5		5		5		5	
1, 3-BAC 300	Mean	73.52	83.10	19.46	11.10	0.00	0.00	1.40	1.20	0.00	0.00	5.62	4.60
	S. D.	12.92	4.36	10.13	5.46	0.00	0.00	1.14	1.30	0.00	0.00	2.53	2.97
	n	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)		ASAT (GOT)		ALAT (GPT)		γ GT		ALP		Total Bilirubin mg/dL		Urea Nitrogen mg/dL		Creatinine mg/dL		Glucose mg/dL		Total Cholesterol mg/dL	
		U/L		U/L		U/L		U/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	109.8	107.2	33.8	30.6	2.2	0.8	348.2	326.8	0.10	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	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	5
1, 3-BAC 10	Mean	90.8		26.4		1.6		369.2		0.10		15.38		0.26		146.8**		61.2	
	S.D.	16.3		4.7		0.5		40.9		0.00		0.93		0.05		12.0		13.7	
	n	5		5		5		5		5		5		5		5		5	
1, 3-BAC 60	Mean	95.4		28.4		1.8		386.8		0.10		14.86		0.28		132.6		68.0	
	S.D.	10.9		3.6		0.4		68.0		0.00		2.70		0.04		13.8		12.8	
	n	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	0.10	14.44	14.56	0.30	0.30	109.4	118.4	70.2	62.2
	S.D.	32.0	13.2	17.8	3.3	0.5	0.4	85.3	95.1	0.00	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	5

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

Table 28 Blood Chemistry - Summary

Male

Test Substance Dose(mg/kg)	Triglyceride		Total Protein		Albumin		A/G Ratio		Calcium		Inorganic Phosphorus		Na		K		Cl		
	mg/dL		g/dL		g/dL				mg/dL		mg/dL		mmol/L		mmol/L		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	13.0	30.2	6.72	6.58	3.02	3.02	0.820	0.842	10.04	10.00	8.56	8.20	147.8	146.2	4.70	4.40	104.2	105.0
	S.D.	6.3	14.6	0.26	0.13	0.19	0.16	0.066	0.064	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 10	Mean	33.8*		6.56		3.04		0.854		10.20		8.30		147.6		4.54		104.8	
	S.D.	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 60	Mean	32.6		6.78		3.06		0.830		10.26		8.22		147.6		4.62		103.6	
	S.D.	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 300	Mean	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
	S.D.	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.