

**Experiment Number:** 05138-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE**

**Test Compound:** Benzonitrile  
**CAS Number:** 100-47-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 20:19:19  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C61676
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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Route: GAVAGE

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Test Compound: Benzonitrile

CAS Number: 100-47-0

Date Report Requested: 10/23/2014

Time Report Requested: 20:19:19

First Dose M/F: NA / NA

Lab: BAT

MALE

DAY	0 MG/KG		37.5 MG/KG			75 MG/KG			150 MG/KG		
	WT(g)	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
-2	21.7	5 *	21.8	100.4	5 *	22.5	103.7	4 *	21.9	100.7	5 *
-1	22.4	5 *	21.9	97.6	5 *	23.4	104.1	6 *	22.2	99.0	5 *
6	22.4	5 *	22.8	101.7	5 *	23.5	104.6	4 *	23.0	102.8	5 *
7	24.1	5 *	23.9	99.3	5 *	24.6	102.2	6 *	24.5	102.0	5 *
13	24.0	5 *	25.1	104.5	5 *	24.9	103.5	4 *	25.5	106.2	5 *
14	24.4	5 *	24.9	102.1	5 *	25.9	105.9	6 *	25.9	106.1	5 *
19	25.0	5 *	24.5	97.8	5 *	25.3	100.9	4 *	25.3	101.1	5 *
20	26.2	5 *	25.7	98.1	5 *	26.4	100.7	6 *	26.7	101.9	5 *
26	26.7	5 *	26.2	98.1	5 *	26.8	100.2	4 *	27.1	101.3	5 *
27	27.4	5 *	26.3	96.1	5 *	27.3	99.8	6 *	27.3	99.7	5 *
33	27.2	5 *	27.8	102.1	5 *	28.2	103.5	4 *	28.5	104.8	5 *
34	28.5	5 *	27.7	97.1	5 *	29.2	102.4	6 *	28.5	100.0	5 *
40	27.5	5 *	27.3	99.5	5 *	27.9	101.3	4 *	28.2	102.7	5 *
41	28.9	5 *	28.4	98.5	5 *	28.9	100.0	6 *	29.1	100.8	5 *
47	29.0	5 *	28.5	98.2	5 *	29.9	102.8	4 *	29.3	100.7	4 *
48	29.9	5 *	29.4	98.5	5 *	30.6	102.3	6 *	29.0	97.0	6 *
54	29.8	5 *	29.2	98.1	5 *	29.4	98.6	4 *	30.0	100.8	5 *
55	30.4	5 *	29.7	97.9	5 *	30.6	100.7	6 *	30.8	101.3	5 *
61	30.4	5 *	29.5	96.8	4 *	29.9	98.1	4 *	31.0	102.0	5 *
62	31.2	5 *	29.7	95.2	6 *	32.4	104.0	6 *	31.7	101.7	5 *
63											
68	30.5	5 *	29.6	96.8	5 *	31.8	104.2	4 *	31.6	103.5	5 *
69	31.7	5 *	31.7	99.9	5 *	33.2	104.8	6 *	32.2	101.5	5 *
75	31.6	5 *	30.2	95.5	5 *	31.8	100.5	4 *	32.6	103.0	5 *
76						33.7		1 *			
77	31.7	5 *	31.9	100.7	5 *	33.0	104.2	5 *	32.5	102.5	5 *
82	31.2	5 *	30.6	98.1	5 *	32.9	105.4	4 *	33.3	106.7	5 *
83	31.9	5 *	32.7	102.3	5 *	33.7	105.5	6 *	32.6	102.0	5 *

(I) INTERIM SACRIFICE OCCURRED BETWEEN THIS DAY AND THE PREVIOUS SCHEDULED WEIGHT DAY

(\*) THE NUMBER OF ANIMALS WEIGHED ON THIS DAY IS LESS THAN THE NUMBER OF ANIMALS SURVIVING.

**Experiment Number:** 05138-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE**

**Test Compound:** Benzonitrile  
**CAS Number:** 100-47-0

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 20:19:20  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**MALE**

DAY	0 MG/KG		37.5 MG/KG			75 MG/KG			150 MG/KG		
	WT(g)	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
89	30.6	5 *	31.6	103.2	5 *	33.4	109.2	4 *	33.6	109.9	5 *
90	32.8	5 *	33.2	101.4	5 *	34.1	104.1	6 *	32.3	98.5	5 *
<b>TERM SAC</b>	32.8	10	32.8	99.9	10	34.8	106.1	10	34.7	105.8	10

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E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE

Test Compound: Benzonitrile

CAS Number: 100-47-0

Date Report Requested: 10/23/2014

Time Report Requested: 20:19:20

First Dose M/F: NA / NA

Lab: BAT

MALE

DAY	300 MG/KG			600 MG/KG		
	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
-2	21.8	100.2	5 *	21.7	100.0	5 *
-1	22.2	98.9	5 *	23.4	104.4	5 *
6	22.6	100.9	5 *	23.0	102.4	5 *
7	23.4	97.1	5 *	23.7	98.3	5 *
13	24.8	103.0	4 *	25.3	105.4	5 *
14	25.6	105.0	5 *	26.3	107.7	5 *
19	25.5	101.7	4 *	26.4	105.6	5 *
20	26.8	102.4	5 *	26.5	101.2	5 *
26	26.9	100.7	4 *	27.4	102.5	5 *
27	27.6	100.8	5 *	27.7	100.9	5 *
33	28.4	104.3	4 *	28.7	105.5	5 *
34	28.4	99.6	5 *	30.3	106.5	5 *
40	28.1	102.2	4 *	28.5	103.6	4 *
41	28.5	98.6	5 *	28.9	100.2	6 *
47	29.5	101.4	4 *	30.3	104.2	5 *
48	30.1	100.7	5 *	31.1	104.0	5 *
54	29.9	100.4	4 *	31.1	104.3	5 *
55	30.4	99.9	5 *	32.5	107.0	5 *
61	30.1	98.9	4 *	30.7	101.1	5 *
62	31.1	99.6	5 *	32.3	103.5	4 *
63				29.8		1 *
68	30.9	101.1	4 *	32.1	105.2	5 *
69	32.2	101.7	5 *	33.1	104.4	5 *
75	32.2	101.8	4 *	32.7	103.4	5 *
76						
77	32.1	101.3	5 *	33.0	104.2	5 *
82	31.6	101.2	4 *	32.6	104.4	5 *
83	32.0	100.2	5 *	33.8	105.8	5 *

(I) INTERIM SACRIFICE OCCURRED BETWEEN THIS DAY AND THE PREVIOUS SCHEDULED WEIGHT DAY

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Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

**E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE**

Test Compound: Benzonitrile

CAS Number: 100-47-0

Date Report Requested: 10/23/2014

Time Report Requested: 20:19:20

First Dose M/F: NA / NA

Lab: BAT

**MALE**

DAY	300 MG/KG			600 MG/KG		
	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
89	32.9	107.4	4 *	33.5	109.5	5 *
90	32.9	100.4	5 *	36.1	110.1	5 *
TERM SAC	33.5	102.2	9	35.1	107.2	10

\*\*\*END OF MALE DATA\*\*\*

(I) INTERIM SACRIFICE OCCURRED BETWEEN THIS DAY AND THE PREVIOUS SCHEDULED WEIGHT DAY

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Experiment Number: 05138-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE

Test Compound: Benzonitrile

CAS Number: 100-47-0

Date Report Requested: 10/23/2014

Time Report Requested: 20:19:20

First Dose M/F: NA / NA

Lab: BAT

FEMALE

DAY	0 MG/KG		37.5 MG/KG			75 MG/KG			150 MG/KG		
	WT(g)	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
-2	17.6	4 *	16.3	92.5	5 *	17.2	97.4	5 *	17.4	98.5	5 *
-1	17.9	6 *	17.1	95.6	5 *	18.4	102.9	5 *	17.2	96.0	5 *
6	18.4	4 *	18.8	102.2	4 *	18.4	100.1	5 *	19.8	107.5	4 *
7	19.4	6 *	18.5	95.6	5 *	19.2	99.2	5 *	18.1	93.7	5 *
13	20.4	4 *	20.1	98.6	3 *	19.8	97.3	4 *	21.6	106.1	3 *
14	20.1	6 *	21.2	105.2	5 *	19.6	97.2	3 *	20.5	101.9	5 *
19	20.7	4 *	21.8	105.5	3 *	20.6	99.3	4 *	22.1	106.9	3 *
20	21.1	6 *	20.6	97.5	5 *	19.9	94.3	3 *	21.4	101.5	5 *
26	21.9	4 *	22.3	102.2	3 *	21.3	97.6	4 *	24.3	111.1	3 *
27	22.9	6 *	22.6	98.7	5 *	21.6	94.4	3 *	22.4	97.9	5 *
33	23.7	4 *	23.2	98.0	3 *	23.2	98.0	4 *	25.6	108.2	3 *
34	24.1	6 *	23.9	99.4	5 *	23.2	96.6	3 *	23.6	98.3	5 *
40	23.4	4 *	23.8	101.8	3 *	23.2	99.1	4 *	26.3	112.5	3 *
41	23.5	6 *	23.6	100.1	5 *	23.8	101.0	3 *	24.0	102.2	5 *
47	23.8	4 *	24.5	102.7	3 *	24.8	103.9	4 *	27.9	117.1	3 *
48	24.8	6 *	24.7	99.5	5 *	24.5	98.9	3 *	25.6	103.3	4 *
49									25.4		1 *
54	24.7	4 *	25.7	104.2	3 *	24.2	98.0	4 *	29.0	117.4	3 *
55	26.3	6 *	25.6	97.4	5 *	24.9	94.6	3 *	26.2	99.6	5 *
61	25.5	4 *	25.9	101.8	3 *	25.4	99.8	4 *	29.8	117.1	3 *
62	27.0	6 *	25.8	95.6	5 *	25.9	95.8	3 *	27.2	100.6	5 *
68	25.5	4 *	27.4	107.7	3 *	26.7	104.7	4 *	30.7	120.4	3 *
69	27.4	6 *	27.4	100.0	5 *	27.1	99.1	3 *	27.9	101.8	5 *
75	27.2	4 *	28.4	104.3	3 *	27.6	101.5	4 *	31.0	113.9	3 *
76	28.6	6 *	27.7	96.8	5 *	27.5	96.1	3 *	28.7	100.3	5 *
82	26.9	4 *	26.7	99.3	3 *	27.1	100.7	4 *	31.3	116.5	3 *
83	28.0	6 *	27.2	97.3	5 *	26.5	94.6	3 *	27.7	99.0	5 *
89	26.5	4 *	27.6	104.2	3 *	27.7	104.5	4 *	31.7	119.7	3 *

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**E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE**  
Test Compound: Benzonitrile  
CAS Number: 100-47-0

Date Report Requested: 10/23/2014  
Time Report Requested: 20:19:20  
First Dose M/F: NA / NA  
Lab: BAT

**FEMALE**

DAY	0 MG/KG		37.5 MG/KG			75 MG/KG			150 MG/KG		
	WT(g)	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
90	29.3	6 *	28.4	97.0	5 *	28.3	96.5	3 *	28.7	98.0	5 *
TERM SAC	28.2	10	28.4	100.6	8	27.9	98.6	7	29.9	105.9	8

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Test Compound: Benzonitrile

CAS Number: 100-47-0

Date Report Requested: 10/23/2014

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First Dose M/F: NA / NA

Lab: BAT

FEMALE

DAY	300 MG/KG			600 MG/KG		
	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
-2	17.3	98.2	5 *	17.1	97.1	5 *
-1	18.2	101.9	5 *	18.2	102.0	5 *
6	17.4	94.6	5 *	19.3	105.0	5 *
7	19.3	99.5	4 *	18.9	97.4	5 *
13	19.3	94.7	4 *	20.3	99.8	5 *
14	21.1	104.8	4 *	22.7	112.9	4 *
19	20.4	98.6	4 *	21.9	105.8	5 *
20	22.3	105.5	4 *	23.0	108.8	4 *
26	21.9	100.0	4 *	23.4	107.2	5 *
27	23.4	102.1	4 *	24.9	108.4	4 *
33	22.8	96.3	4 *	24.8	104.7	5 *
34	25.6	106.3	4 *	26.4	109.7	4 *
40	23.5	100.6	4 *	25.4	108.6	4 *
41	25.1	106.7	4 *	27.3	115.9	4 *
47	24.5	102.8	4 *	25.4	106.6	4 *
48	25.3	102.0	4 *	26.3	106.1	4 *
49						
54	24.7	100.1	4 *	27.4	111.0	4 *
55	26.2	99.4	4 *	27.9	105.8	4 *
61	25.7	100.8	4 *	27.6	108.1	4 *
62	26.9	99.6	4 *	28.8	106.4	4 *
68	27.3	107.1	4 *	29.0	113.6	4 *
69	28.3	103.3	4 *	28.1	102.4	4 *
75	27.2	100.0	4 *	29.9	109.9	4 *
76	28.9	100.9	4 *	29.7	104.0	4 *
82	26.8	99.4	4 *	28.5	105.9	4 *
83	27.5	98.4	4 *	28.9	103.4	4 *
89	28.1	106.0	4 *	28.7	108.4	4 *

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**FEMALE**

DAY	300 MG/KG			600 MG/KG		
	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
90	27.0	92.2	4 *	30.8	105.2	4 *
TERM SAC	28.1	99.4	8	30.2	107.1	8

\*\* END OF REPORT \*\*

(I) INTERIM SACRIFICE OCCURRED BETWEEN THIS DAY AND THE PREVIOUS SCHEDULED WEIGHT DAY

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