

Experiment Number: 93017-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:23
First Dose M/F: NA / NA
Lab: MBA

C Number:	C93017
Lock Date:	06/12/1995
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	NONE

Experiment Number: 93017-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:23
First Dose M/F: NA / NA
Lab: MBA

Male RAT
 FIRST TERMINAL SACRIFICE AT 29 DAYS
 INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE CONTROL													
TOTAL 30			UNCENSORED DEATHS 0			CENSORED DEATHS 20			TERMINAL 10				
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
8	8	8	8	8	8	8	8	8	8	15	15	15	15
15	15	15	15	15	15								
DOSE = 20000 PPM BA													
TOTAL 30			UNCENSORED DEATHS 0			CENSORED DEATHS 20			TERMINAL 10				
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
8	8	8	8	8	8	8	8	8	8	15	15	15	15
15	15	15	15	15	15								
DOSE = 50000PPMBA-GLY													
TOTAL 10			UNCENSORED DEATHS 1			CENSORED DEATHS 0			TERMINAL 9				
UNCENSORED DEATH DAYS													
6													
CENSORED DEATH DAYS													
none													
DOSE = 50000PPMBA-ALA													
TOTAL 10			UNCENSORED DEATHS 10			CENSORED DEATHS 0			TERMINAL 0				
UNCENSORED DEATH DAYS													
6	7	7	7	7	7	7	7	7	7				
CENSORED DEATH DAYS													
none													

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 93017-01
 Test Type: 18-33 DAYS
 Route: DOSED FEED
 Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
 Time Report Requested: 00:20:23
 First Dose M/F: NA / NA
 Lab: MBA

Male RAT
 FIRST TERMINAL SACRIFICE AT 29 DAYS
 INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = ALANINE													
TOTAL 10			UNCENSORED DEATHS 0				CENSORED DEATHS 0				TERMINAL 10		
UNCENSORED DEATH DAYS													
none													
CENSORED DEATH DAYS													
none													
DOSE = 35000 PPM BA													
TOTAL 30			UNCENSORED DEATHS 3				CENSORED DEATHS 18				TERMINAL 9		
UNCENSORED DEATH DAYS													
6	8	8											
CENSORED DEATH DAYS													
8	8	8	8	8	8	8	8	8	15	15	15	15	15
15	15	15	15										
DOSE = 50000 PPM BA													
TOTAL 50			UNCENSORED DEATHS 40				CENSORED DEATHS 10				TERMINAL 0		
UNCENSORED DEATH DAYS													
5	6	6	6	6	6	6	6	7	7	7	7	7	7
7	7	7	7	7	7	7	8	8	8	8	8	8	8
9	9	9	9	9	10	10	12	12	12	12	12		
CENSORED DEATH DAYS													
8	8	8	8	8	8	8	8	8	8				
DOSE = 50000PPMBA-GLY													
TOTAL 10			UNCENSORED DEATHS 1				CENSORED DEATHS 0				TERMINAL 9		
UNCENSORED DEATH DAYS													
6													
CENSORED DEATH DAYS													
none													

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 93017-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:23
First Dose M/F: NA / NA
Lab: MBA

Male RAT
FIRST TERMINAL SACRIFICE AT 29 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 50000PPMBA-ALA									
TOTAL 10			UNCENSORED DEATHS 10			CENSORED DEATHS 0			TERMINAL 0
UNCENSORED DEATH DAYS									
6	7	7	7	7	7	7	7	7	7
CENSORED DEATH DAYS									
none									

- (A) FIRST TERMINAL SACRIFICE
- (B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".
- (C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE
- (D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 93017-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:23
First Dose M/F: NA / NA
Lab: MBA

Male RAT
FIRST TERMINAL SACRIFICE AT 29 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	3	6	9	12	15	18	21	24	27	29(A)
VEHICLE CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20000 PPM BA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50000PPMBA-GLY	100.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
50000PPMBA-ALA	100.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALANINE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
35000 PPM BA	100.0	96.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
50000 PPM BA	100.0	84.0	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000PPMBA-GLY	100.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
50000PPMBA-ALA	100.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 93017-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:23
First Dose M/F: NA / NA
Lab: MBA

Male RAT
 FIRST TERMINAL SACRIFICE AT 29 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	20000 PPM BA	50000PPMBA-GLY	50000PPMBA-ALA
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	90.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	.	6.0	6.9
	(.)	(.)	(.)	(0.1)
MEAN LIFE SPAN (D) (STANDARD ERROR)	17.3	17.3	26.7	6.9
	(1.6)	(1.6)	(2.3)	(0.1)

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 93017-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:23
First Dose M/F: NA / NA
Lab: MBA

Male RAT
 FIRST TERMINAL SACRIFICE AT 29 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	ALANINE	35000 PPM BA	50000 PPM BA	50000PPMBA-GLY
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	90.0%	0.0%	90.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	7.3	8.0	6.0
	(.)	(0.7)	(0.3)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	29.0	16.3	8.0	26.7
	(0.0)	(1.6)	(0.2)	(2.3)

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 93017-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:23
First Dose M/F: NA / NA
Lab: MBA

Male RAT
FIRST TERMINAL SACRIFICE AT 29 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	50000PPMBA-ALA
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	6.9 (0.1)
MEAN LIFE SPAN (D) (STANDARD ERROR)	6.9 (0.1)

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:23

First Dose M/F: NA / NA

Lab: MBA

**** END OF REPORT ****

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)