

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 1	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-1
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 2	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-2
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 8
	DOSE: VEHICLE CONTROL	DISP: Scheduled Sacrifice	HISTO: MB225G-3
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 8
	DOSE: VEHICLE CONTROL	DISP: Scheduled Sacrifice	HISTO: MB225G-4
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 8
	DOSE: VEHICLE CONTROL	DISP: Scheduled Sacrifice	HISTO: MB225G-5
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 6	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-6
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 8
	DOSE: VEHICLE CONTROL	DISP: Scheduled Sacrifice	HISTO: MB225G-7
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 8	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-8
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 9	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-9
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 10	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-10
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Scheduled Sacrifice	HISTO: MB225G-11
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Scheduled Sacrifice	HISTO: MB225G-12
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 15

DOSE: VEHICLE CONTROL

DISP: Scheduled Sacrifice

HISTO: MB225G-13

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

OBSERVATIONS

* Brain

Note: 1. GFAP-Within normal limits.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 15
	DOSE: VEHICLE CONTROL	DISP: Scheduled Sacrifice	HISTO: MB225G-14
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 15

DOSE: VEHICLE CONTROL

DISP: Scheduled Sacrifice

HISTO: MB225G-15

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

OBSERVATIONS

* Brain

Note: 1. GFAP-Within normal limits.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 16	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-16
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 17	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-17
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 18	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-18
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 19	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-19
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-20
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 29
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB225G-21
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 29
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB225G-22
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
* Kidney	Renal Tubule	Regeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 23	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-23
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 29
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB225G-24
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	TRT#: 1	SEX: Male	DAY ON TEST: 29
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB225G-25
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
* Kidney	Renal Tubule	Regeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 26	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-26
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 29
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB225G-27
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 28	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-28
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
OBSERVATIONS * Brain Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 29	TRT#: 1	SEX: Male	DAY ON TEST: 29
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB225G-29
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 29
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB225G-30
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Within normal limits.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 31

TRT#: 2

SEX: Male

DAY ON TEST: 8

DOSE: 20000 PPM BA

DISP: Scheduled Sacrifice

HISTO: MB225G-31

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

OBSERVATIONS

* Brain

Note: 1. GFAP-Same as 0 ppm animals.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 32	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-32
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 33	TRT#: 2	SEX: Male	DAY ON TEST: 8
	DOSE: 20000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-33
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 34

TRT#: 2

SEX: Male

DAY ON TEST: 8

DOSE: 20000 PPM BA

DISP: Scheduled Sacrifice

HISTO: MB225G-34

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

OBSERVATIONS

* Brain

Note: 1. GFAP-Same as 0 ppm animals.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 35	TRT#: 2	SEX: Male	DAY ON TEST: 8
	DOSE: 20000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-35
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 36	TRT#: 2	SEX: Male	DAY ON TEST: 8
	DOSE: 20000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-36
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 37

TRT#: 2

SEX: Male

DAY ON TEST: 8

DOSE: 20000 PPM BA

DISP: Scheduled Sacrifice

HISTO: MB225G-37

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

OBSERVATIONS

* Brain

Note: 1. GFAP-Same as 0 ppm animals.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	TRT#: 2	SEX: Male	DAY ON TEST: 8
	DOSE: 20000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-38
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 39	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-39
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 40	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-40
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 41	TRT#: 2	SEX: Male	DAY ON TEST: 15
	DOSE: 20000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-41
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 42	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-42
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 43	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-43
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 44	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-44
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 45	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-45
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 46	TRT#: 2	SEX: Male	DAY ON TEST: 15
	DOSE: 20000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-46
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 47	TRT#: 2	SEX: Male	DAY ON TEST: 15
	DOSE: 20000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-47
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 48	TRT#: 2	SEX: Male	DAY ON TEST: 15
	DOSE: 20000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-48
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 49	TRT#: 2	SEX: Male	DAY ON TEST: 15
	DOSE: 20000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-49
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 50	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-50
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain			
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 51	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 20000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-51
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 52	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 20000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-52
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
* Kidney	Renal Tubule	Regeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 53	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 20000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-53
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 54	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 20000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-54
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 55	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-55
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 56	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 20000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-56
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 57	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 20000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-57
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 58	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-58
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 59	TRT#: 2 DOSE: 20000 PPM BA	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-59
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 60	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 20000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-60
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 61	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-61
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-62
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
PRIMARY CAUSE OF DEATH		-	
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 63	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-63
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	TRT#: 3	SEX: Male	DAY ON TEST: 8
	DOSE: 35000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-64
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	TRT#: 3	SEX: Male	DAY ON TEST: 6
	DOSE: 35000 PPM BA	DISP: Natural Death	HISTO: MB225G-65
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 66	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-66
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Mild
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
PRIMARY CAUSE OF DEATH		-	
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-67
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	TRT#: 3	SEX: Male	DAY ON TEST: 8
	DOSE: 35000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-68
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 69	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-69
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 70	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-70
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 71	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-71
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH		-	
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 72	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-72
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	TRT#: 3	SEX: Male	DAY ON TEST: 8
	DOSE: 35000 PPM BA	DISP: Natural Death	HISTO: MB225G-73
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Mild
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-74
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	TRT#: 3	SEX: Male	DAY ON TEST: 15
	DOSE: 35000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-75
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	TRT#: 3	SEX: Male	DAY ON TEST: 15
	DOSE: 35000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-76
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	TRT#: 3	SEX: Male	DAY ON TEST: 15
	DOSE: 35000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-77
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 78	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-78
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH		-	
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 79	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 15 HISTO: MB225G-79
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH		-	
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	TRT#: 3	SEX: Male	DAY ON TEST: 15
	DOSE: 35000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-80
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 81	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 35000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-81
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Kidney	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 35000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-82
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Liver	* Skeletal Muscle	* Tongue	
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
* Kidney	Renal Tubule	Regeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-83
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Liver	* Skeletal Muscle	* Tongue	
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedely increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
* Kidney	Renal Tubule	Regeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-84
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Kidney	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 85	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-85
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Kidney	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:57

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 86	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 35000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-86
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Kidney	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 8 HISTO: MB225G-87
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Mild
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 88	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 35000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-88
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Kidney	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 35000 PPM BA	DISP: Terminal Sacrifice	HISTO: MB225G-89
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Kidney	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 90	TRT#: 3 DOSE: 35000 PPM BA	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-90
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Kidney	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 6 HISTO: MB225G-91
OBSERVATIONS			
* Brain	Cerebellum Cerebrum Hippocampus	Necrosis Necrosis Necrosis	Diffuse, Minimal Minimal Diffuse, Moderate
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 92	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-92
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH		-	
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-93
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 7 HISTO: MB225G-94
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Mild
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	TRT#: 4	SEX: Male	DAY ON TEST: 8
	DOSE: 50000 PPM BA	DISP: Natural Death	HISTO: MB225G-95
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 96	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-96
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-97
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 98	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 8 HISTO: MB225G-98
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH		-	
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	TRT#: 4	SEX: Male	DAY ON TEST: 8
	DOSE: 50000 PPM BA	DISP: Scheduled Sacrifice	HISTO: MB225G-99
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: Carcass, Thin, TGL 1-NST			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 100

TRT#: 4

SEX: Male

DAY ON TEST: 7

DOSE: 50000 PPM BA

DISP: Natural Death

HISTO: MB225G-100

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Minimal

Cerebrum

Necrosis

Mild

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 101

TRT#: 4

SEX: Male

DAY ON TEST: 10

DOSE: 50000 PPM BA

DISP: Natural Death

HISTO: MB225G-101

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Marked

Cerebrum

Necrosis

Moderate

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 102

TRT#: 4

SEX: Male

DAY ON TEST: 9

DOSE: 50000 PPM BA

DISP: Natural Death

HISTO: MB225G-102

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Moderate

Cerebrum

Necrosis

Marked

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 7 HISTO: MB225G-103
OBSERVATIONS			
* Brain	Cerebellum Cerebrum Hippocampus	Necrosis Necrosis Necrosis	Diffuse, Mild Mild Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 104

TRT#: 4

SEX: Male

DAY ON TEST: 9

DOSE: 50000 PPM BA

DISP: Natural Death

HISTO: MB225G-104

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Marked

Cerebrum

Necrosis

Marked

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 8 HISTO: MB225G-105
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 106

TRT#: 4

SEX: Male

DAY ON TEST: 12

DOSE: 50000 PPM BA

DISP: Moribund Sacrifice

HISTO: MB225G-106

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Marked

Cerebrum

Necrosis

Marked

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 12 HISTO: MB225G-107
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 9 HISTO: MB225G-108
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	TRT#: 4	SEX: Male	DAY ON TEST: 7
	DOSE: 50000 PPM BA	DISP: Moribund Sacrifice	HISTO: MB225G-109
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 110

TRT#: 4

SEX: Male

DAY ON TEST: 10

DOSE: 50000 PPM BA

DISP: Natural Death

HISTO: MB225G-110

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Marked

Cerebrum

Necrosis

Marked

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 111	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 8 HISTO: MB225G-111
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 112

TRT#: 4

SEX: Male

DAY ON TEST: 7

DOSE: 50000 PPM BA

DISP: Natural Death

HISTO: MB225G-112

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Minimal

Cerebrum

Necrosis

Moderate

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 12 HISTO: MB225G-113
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 114	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 6 HISTO: MB225G-114
OBSERVATIONS			
* Brain	Cerebellum Cerebrum Hippocampus	Necrosis Necrosis Necrosis	Diffuse, Minimal Moderate Diffuse, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 7 HISTO: MB225G-115
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	TRT#: 4	SEX: Male	DAY ON TEST: 12
	DOSE: 50000 PPM BA	DISP: Moribund Sacrifice	HISTO: MB225G-116
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 117

TRT#: 4

SEX: Male

DAY ON TEST: 9

DOSE: 50000 PPM BA

DISP: Natural Death

HISTO: MB225G-117

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Marked

Cerebrum

Necrosis

Marked

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 118

TRT#: 4

SEX: Male

DAY ON TEST: 7

DOSE: 50000 PPM BA

DISP: Natural Death

HISTO: MB225G-118

OBSERVATIONS

* Brain

Cerebrum

Necrosis

Moderate

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 8 HISTO: MB225G-119
OBSERVATIONS			
* Brain	Cerebellum Cerebrum Hippocampus	Necrosis Necrosis Necrosis	Diffuse, Minimal Mild Diffuse, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 120	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 6 HISTO: MB225G-120
OBSERVATIONS			
* Brain	Cerebellum Cerebrum Hippocampus	Necrosis Necrosis Necrosis	Diffuse, Minimal Minimal Diffuse, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 121

TRT#: 4

SEX: Male

DAY ON TEST: 8

DOSE: 50000 PPM BA

DISP: Scheduled Sacrifice

HISTO: MB225G-121

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Minimal

Cerebrum

Necrosis

Moderate

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

Animal Note: Carcass, Thin, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 8 HISTO: MB225G-122
OBSERVATIONS			
* Brain	Cerebellum Cerebrum Hippocampus	Necrosis Necrosis Necrosis	Diffuse, Minimal Marked Diffuse, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 6 HISTO: MB225G-123
OBSERVATIONS			
* Brain	Cerebellum Cerebrum Hippocampus	Necrosis Necrosis Necrosis	Diffuse, Minimal Moderate Diffuse, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 124	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 6 HISTO: MB225G-124
OBSERVATIONS			
* Brain	Cerebellum Cerebrum Hippocampus	Necrosis Necrosis Necrosis	Diffuse, Minimal Mild Diffuse, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 125

TRT#: 4

SEX: Male

DAY ON TEST: 8

DOSE: 50000 PPM BA

DISP: Scheduled Sacrifice

HISTO: MB225G-125

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Minimal

Cerebrum

Necrosis

Mild

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

Animal Note: Carcass, Thin, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	TRT#: 4	SEX: Male	DAY ON TEST: 7
	DOSE: 50000 PPM BA	DISP: Natural Death	HISTO: MB225G-126

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

Spleen

OBSERVATIONS

* Brain	Cerebellum	Necrosis	Diffuse, Moderate
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.

Spleen

Note: Spleen, lesions, 1mm x 1mm, multiple, dark black, TGL 2-NST

PRIMARY CAUSE OF DEATH	-
------------------------	---

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 127

TRT#: 4

SEX: Male

DAY ON TEST: 8

DOSE: 50000 PPM BA

DISP: Scheduled Sacrifice

HISTO: MB225G-127

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Minimal

Cerebrum

Necrosis

Moderate

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 7 HISTO: MB225G-128
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Moderate
	Cerebrum	Necrosis	Moderate
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 7 HISTO: MB225G-129
OBSERVATIONS			
* Brain	Cerebellum Cerebrum Hippocampus	Necrosis Necrosis Necrosis	Diffuse, Minimal Mild Diffuse, Marked
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 130

TRT#: 4

SEX: Male

DAY ON TEST: 8

DOSE: 50000 PPM BA

DISP: Scheduled Sacrifice

HISTO: MB225G-130

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Minimal

Cerebrum

Necrosis

Moderate

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. GFAP-Markedly increased staining in the hippocampus area as compared to 0 ppm animals. 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

Animal Note: Carcass, Thin, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 131

TRT#: 4

SEX: Male

DAY ON TEST: 6

DOSE: 50000 PPM BA

DISP: Natural Death

HISTO: MB225G-131

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Mild

Cerebrum

Necrosis

Mild

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 5 HISTO: MB225G-132
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Minimal
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 12 HISTO: MB225G-133
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Marked
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	TRT#: 4	SEX: Male	DAY ON TEST: 8
	DOSE: 50000 PPM BA	DISP: Natural Death	HISTO: MB225G-134
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	TRT#: 4	SEX: Male	DAY ON TEST: 7
	DOSE: 50000 PPM BA	DISP: Natural Death	HISTO: MB225G-135
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 136

TRT#: 4

SEX: Male

DAY ON TEST: 9

DOSE: 50000 PPM BA

DISP: Moribund Sacrifice

HISTO: MB225G-136

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Marked

Cerebrum

Necrosis

Mild

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 137	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 7 HISTO: MB225G-137
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Minimal
	Hippocampus	Necrosis	Diffuse, Mild
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 138	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 8 HISTO: MB225G-138
OBSERVATIONS			
* Brain	Cerebellum Cerebrum Hippocampus	Necrosis Necrosis Necrosis	Diffuse, Minimal Minimal Diffuse, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 139

TRT#: 4

SEX: Male

DAY ON TEST: 7

DOSE: 50000 PPM BA

DISP: Natural Death

HISTO: MB225G-139

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Mild

Cerebrum

Necrosis

Mild

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	TRT#: 4 DOSE: 50000 PPM BA	SEX: Male DISP: Natural Death	DAY ON TEST: 6 HISTO: MB225G-140
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Moderate
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 141	TRT#: 5 DOSE: 50000PPMBA-GLY	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-141
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Liver	* Liver	* Skeletal Muscle	* Skeletal Muscle
* Tongue	* Tongue		
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Minimal
	Cerebrum	Necrosis	Minimal
	Hippocampus	Necrosis	Diffuse, Mild
	Hippocampus	Necrosis	Diffuse, Mild
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
* Kidney	Renal Tubule	Degeneration	Focal, Mild
	Renal Tubule	Degeneration	Focal, Mild
	Renal Tubule	Regeneration	Focal, Mild
	Renal Tubule	Regeneration	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:57
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 142	TRT#: 5 DOSE: 50000PPMBA-GLY	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-142
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Liver	* Liver	* Skeletal Muscle	* Skeletal Muscle
* Tongue	* Tongue		
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
* Kidney	Renal Tubule	Regeneration	Focal, Minimal
	Renal Tubule	Regeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	TRT#: 5 DOSE: 50000PPMBA-GLY	SEX: Male DISP: Natural Death	DAY ON TEST: 6 HISTO: MB225G-143
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 50000PPMBA-GLY

DISP: Terminal Sacrifice

HISTO: MB225G-144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Brain

* Liver

* Liver

* Skeletal Muscle

* Skeletal Muscle

* Tongue

* Tongue

OBSERVATIONS

* Brain

Note: 1. GFAP-Minimal increased staining in the hippocampus area as compared to 0 ppm animals.

Note: 1. GFAP-Minimal increased staining in the hippocampus area as compared to 0 ppm animals.

* Kidney

Renal Tubule

Degeneration

Focal, Minimal

Renal Tubule

Degeneration

Focal, Minimal

Renal Tubule

Regeneration

Focal, Minimal

Renal Tubule

Regeneration

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 145	TRT#: 5 DOSE: 50000PPMBA-GLY	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-145
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Liver	* Liver	* Skeletal Muscle	* Skeletal Muscle
* Tongue	* Tongue		
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Minimal
	Cerebrum	Necrosis	Minimal
	Hippocampus	Necrosis	Diffuse, Moderate
	Hippocampus	Necrosis	Diffuse, Moderate
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
* Kidney	Renal Tubule	Degeneration	Focal, Mild
	Renal Tubule	Degeneration	Focal, Mild
	Renal Tubule	Regeneration	Focal, Mild
	Renal Tubule	Regeneration	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 50000PPMBA-GLY

DISP: Terminal Sacrifice

HISTO: MB225G-146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney
* Skeletal Muscle

* Kidney
* Skeletal Muscle

* Liver
* Tongue

* Liver
* Tongue

OBSERVATIONS

* Brain

Cerebellum
Cerebellum
Cerebrum
Cerebrum
Hippocampus
Hippocampus

Necrosis
Necrosis
Necrosis
Necrosis
Necrosis
Necrosis

Diffuse, Minimal
Diffuse, Minimal
Mild
Mild
Diffuse, Moderate
Diffuse, Moderate

Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.

Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 147	TRT#: 5 DOSE: 50000PPMBA-GLY	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-147
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Kidney	* Kidney	* Liver	* Liver
* Skeletal Muscle	* Skeletal Muscle	* Tongue	* Tongue
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 50000PPMBA-GLY

DISP: Terminal Sacrifice

HISTO: MB225G-148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Liver

* Skeletal Muscle

* Skeletal Muscle

* Tongue

* Tongue

OBSERVATIONS

* Brain

Hippocampus

Necrosis

Diffuse, Minimal

Hippocampus

Necrosis

Diffuse, Minimal

Note: 1. GFAP-Minimal increased staining in the hippocampus area as compared to 0 ppm animals.

Note: 1. GFAP-Minimal increased staining in the hippocampus area as compared to 0 ppm animals.

* Kidney

Renal Tubule

Degeneration

Focal, Mild

Renal Tubule

Degeneration

Focal, Mild

Renal Tubule

Regeneration

Focal, Mild

Renal Tubule

Regeneration

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 149	TRT#: 5 DOSE: 50000PPMBA-GLY	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-149
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Liver	* Liver	* Skeletal Muscle	* Skeletal Muscle
* Tongue	* Tongue		
OBSERVATIONS			
* Brain	Cerebrum	Necrosis	Minimal
	Cerebrum	Necrosis	Minimal
	Hippocampus	Necrosis	Diffuse, Minimal
	Hippocampus	Necrosis	Diffuse, Minimal
Note: 1. GFAP-Minimal increased staining in the hippocampus area as compared to 0 ppm animals.			
Note: 1. GFAP-Minimal increased staining in the hippocampus area as compared to 0 ppm animals.			
* Kidney	Renal Tubule	Degeneration	Focal, Minimal
	Renal Tubule	Degeneration	Focal, Minimal
	Renal Tubule	Regeneration	Focal, Minimal
	Renal Tubule	Regeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 50000PPMBA-GLY

DISP: Terminal Sacrifice

HISTO: MB225G-150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Liver

* Skeletal Muscle

* Skeletal Muscle

* Tongue

* Tongue

OBSERVATIONS

* Brain

Cerebellum

Necrosis

Diffuse, Minimal

Cerebellum

Necrosis

Diffuse, Minimal

Cerebrum

Necrosis

Mild

Cerebrum

Necrosis

Mild

Hippocampus

Necrosis

Diffuse, Marked

Hippocampus

Necrosis

Diffuse, Marked

Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.

Note: 1. GFAP-Moderate increased staining in the hippocampus area as compared to 0 ppm animals.

* Kidney

Renal Tubule

Degeneration

Focal, Minimal

Renal Tubule

Degeneration

Focal, Minimal

Renal Tubule

Regeneration

Focal, Minimal

Renal Tubule

Regeneration

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	TRT#: 6 DOSE: 50000PPMBA-ALA	SEX: Male DISP: Natural Death	DAY ON TEST: 7 HISTO: MB225G-151
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL			
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 152	TRT#: 6 DOSE: 50000PPMBA-ALA	SEX: Male DISP: Natural Death	DAY ON TEST: 7 HISTO: MB225G-152
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Minimal
	Cerebrum	Necrosis	Minimal
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL			
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	TRT#: 6 DOSE: 50000PPMBA-ALA	SEX: Male DISP: Natural Death	DAY ON TEST: 6 HISTO: MB225G-153
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Minimal
	Cerebrum	Necrosis	Minimal
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	TRT#: 6	SEX: Male	DAY ON TEST: 7
	DOSE: 50000PPMBA-ALA	DISP: Natural Death	HISTO: MB225G-154
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Minimal
	Cerebrum	Necrosis	Minimal
	Hippocampus	Necrosis	Diffuse, Moderate
	Hippocampus	Necrosis	Diffuse, Moderate
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL			
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	TRT#: 6 DOSE: 50000PPMBA-ALA	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 7 HISTO: MB225G-155
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Brain, Lesion, 2, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.			
Note: 1. Brain, Lesion, 2, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	TRT#: 6 DOSE: 50000PPMBA-ALA	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 7 HISTO: MB225G-156
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Mild
	Cerebellum	Necrosis	Diffuse, Mild
	Cerebrum	Necrosis	Mild
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.			
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	TRT#: 6	SEX: Male	DAY ON TEST: 7
	DOSE: 50000PPMBA-ALA	DISP: Moribund Sacrifice	HISTO: MB225G-157
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Moderate
	Cerebellum	Necrosis	Diffuse, Moderate
	Cerebrum	Necrosis	Mild
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.			
Note: 1. Brain, Fissure, Fluid, Dark Red, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	TRT#: 6	SEX: Male	DAY ON TEST: 7
	DOSE: 50000PPMBA-ALA	DISP: Moribund Sacrifice	HISTO: MB225G-158
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Mild
	Cerebellum	Necrosis	Diffuse, Mild
	Cerebrum	Necrosis	Mild
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Brain, Lesion, 3, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.			
Note: 1. Brain, Lesion, 3, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	TRT#: 6	SEX: Male	DAY ON TEST: 7
	DOSE: 50000PPMBA-ALA	DISP: Moribund Sacrifice	HISTO: MB225G-159
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Minimal
	Cerebrum	Necrosis	Minimal
	Hippocampus	Necrosis	Diffuse, Moderate
	Hippocampus	Necrosis	Diffuse, Moderate
Note: 1. Brain, Lesion, 2, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.			
Note: 1. Brain, Lesion, 2, TGL 1-NCL 2. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	TRT#: 6 DOSE: 50000PPMBA-ALA	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 7 HISTO: MB225G-160
OBSERVATIONS			
* Brain	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebellum	Necrosis	Diffuse, Minimal
	Cerebrum	Necrosis	Mild
	Cerebrum	Necrosis	Mild
	Hippocampus	Necrosis	Diffuse, Marked
	Hippocampus	Necrosis	Diffuse, Marked
Note: 1. Cerebellar necrosis involves granular layer.			
Note: 1. Cerebellar necrosis involves granular layer.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 161	TRT#: 7 DOSE: ALANINE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-161
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:58

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 29

DOSE: ALANINE

DISP: Terminal Sacrifice

HISTO: MB225G-162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Kidney

* Liver

* Skeletal Muscle

* Tongue

OBSERVATIONS

* Brain

Note: 1. GFAP-Same as 0 ppm animals.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:58

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 163	TRT#: 7	SEX: Male	DAY ON TEST: 29
	DOSE: ALANINE	DISP: Terminal Sacrifice	HISTO: MB225G-163
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Liver	* Skeletal Muscle	* Tongue
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
* Kidney	Renal Tubule	Regeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:58

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 164	TRT#: 7	SEX: Male	DAY ON TEST: 29
	DOSE: ALANINE	DISP: Terminal Sacrifice	HISTO: MB225G-164
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 165	TRT#: 7 DOSE: ALANINE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-165
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
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OBSERVATIONS
* Brain
Note: 1. GFAP-Same as 0 ppm animals.

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:58

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 166	TRT#: 7	SEX: Male	DAY ON TEST: 29
	DOSE: ALANINE	DISP: Terminal Sacrifice	HISTO: MB225G-166
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Brain	* Kidney	* Liver	* Skeletal Muscle
* Tongue			
OBSERVATIONS			
* Brain			
Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 167	TRT#: 7 DOSE: ALANINE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-167
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
OBSERVATIONS * Brain Note: 1. GFAP-Same as 0 ppm animals.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93017-01

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014

Time Report Requested: 00:20:58

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 168	TRT#: 7	SEX: Male	DAY ON TEST: 29
	DOSE: ALANINE	DISP: Terminal Sacrifice	HISTO: MB225G-168

ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
	* Brain	* Kidney	* Liver
	* Tongue		* Skeletal Muscle

OBSERVATIONS

* Brain

Note: 1. GFAP-Same as 0 ppm animals.

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 169	TRT#: 7 DOSE: ALANINE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-169
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
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OBSERVATIONS
* Brain
Note: 1. GFAP-Same as 0 ppm animals.

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzyl acetate + glycine combination study
CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:20:58
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 170	TRT#: 7 DOSE: ALANINE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: MB225G-170
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL * Brain * Tongue	* Kidney	* Liver	* Skeletal Muscle
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OBSERVATIONS
* Brain
Note: 1. GFAP-Same as 0 ppm animals.

PRIMARY CAUSE OF DEATH	-
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** END OF REPORT **

* PROTOCOL REQUIRED TISSUE