Test Type: 18-33 DAYS

Species/Strain: Rat/F 344/N

Route: DOSED FEED

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014
Time Report Requested: 00:21:31

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:

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

PWG Approval Date NONE

Test Type: 18-33 DAYS

Route: DOSED FEED Species/Strain: Rat/F 344/N P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

**CAS Number: GLYCINEBENZA** 

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:31

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male **VEHICLE CONTROL** 

| DAY ON TEST  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|              | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| V VIIVAVI ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
|              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

## **Alimentary System**

Liver

Tongue

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

Skeletal Muscle

**Nervous System** 

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Test Type: 18-33 DAYS

Route: DOSED FEED Species/Strain: Rat/F 344/N P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

**CAS Number: GLYCINEBENZA** 

Date Report Requested: 10/23/2014
Time Report Requested: 00:21:31

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male VEHICLE CONTROL

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|             | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIIVIAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
|             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

Brain

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

Kidney

**SYSTEMIC LESIONS** 

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Test Type: 18-33 DAYS

Route: DOSED FEED Species/Strain: Rat/F 344/N P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Benzyl acetate + glycine combination study

**CAS Number:** GLYCINEBENZA

Time Report Requested: 00:21:31

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

# F 344/N Rat Male VEHICLE CONTROL

ANIMAL ID

|                                | *TOTALS  |
|--------------------------------|----------|
| Alimentary System              |          |
| Liver<br>Tongue                | 10<br>10 |
| Cardiovascular System          |          |
| NONE Endocrine System          |          |
| NONE<br>General Body System    |          |
| NONE<br>Genital System         |          |
| NONE<br>Hematopoietic System   |          |
| NONE<br>Integumentary System   |          |
| NONE<br>Musculoskeletal System |          |
| Skeletal Muscle Nervous System | 10       |
| Brain                          | 30       |

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

**CAS Number:** GLYCINEBENZA

Route: DOSED FEED Species/Strain: Rat/F 344/N

Test Type: 18-33 DAYS

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 00:21:31

Lab: MBA

DAY ON TEST

F 344/N Rat Male VEHICLE CONTROL

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

Kidney 10

**SYSTEMIC LESIONS** 

Multiple Organ 30

X .. Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

**CAS Number: GLYCINEBENZA** 

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:31

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 20000 PPM BA

Test Type: 18-33 DAYS

Route: DOSED FEED Species/Strain: Rat/F 344/N

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|             | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
|             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

#### **Alimentary System**

Liver

Tongue

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

Skeletal Muscle

**Nervous System** 

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Benzyl acetate + glycine combination study

Time Report Requested: 00:21:31

Date Report Requested: 10/23/2014

**CAS Number: GLYCINEBENZA** 

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 20000 PPM BA

Test Type: 18-33 DAYS

Route: DOSED FEED Species/Strain: Rat/F 344/N

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|             | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
|             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

Brain

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

Kidney

**SYSTEMIC LESIONS** 

Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Benzyl acetate + glycine combination study

**CAS Number: GLYCINEBENZA** 

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:31

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

## F 344/N Rat Male 20000 PPM BA

Test Type: 18-33 DAYS

Route: DOSED FEED Species/Strain: Rat/F 344/N

ANIMAL ID

|  | *TOTALS  |
|--|----------|
| Alimentary System                        | ·        |
| Liver<br>Tongue<br>Cardiovascular System | 10<br>10 |
| NONE Endocrine System                    |          |
| NONE General Body System                 |          |
| NONE Genital System                      |          |
| NONE Hematopoietic System                |          |
| NONE Integumentary System                |          |
| NONE<br>Musculoskeletal System           |          |
| Skeletal Muscle Nervous System           | 10       |
| Brain                                    | 30       |

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

**CAS Number:** GLYCINEBENZA

Test Type: 18-33 DAYS Route: DOSED FEED

Species/Strain: Rat/F 344/N

Lab: MBA

Date Report Requested: 10/23/2014

Time Report Requested: 00:21:31

First Dose M/F: NA / NA

DAY ON TEST

F 344/N Rat Male 20000 PPM BA

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

Kidney 10

**SYSTEMIC LESIONS** 

Multiple Organ 30

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

**CAS Number: GLYCINEBENZA** 

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:31

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 35000 PPM BA

Test Type: 18-33 DAYS

Route: DOSED FEED Species/Strain: Rat/F 344/N

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 |
|             | 8 | 8 | 8 | 8 | 6 | 8 | 8 | 8 | 8 | 8 | 5 | 5 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
|             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

## **Alimentary System**

Liver

Tongue

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

Skeletal Muscle

**Nervous System** 

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Test Type: 18-33 DAYS

Species/Strain: Rat/F 344/N

Route: DOSED FEED

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Benzyl acetate + glycine combination study

**CAS Number: GLYCINEBENZA** 

Date Report Requested: 10/23/2014
Time Report Requested: 00:21:31

First Dose M/F: NA / NA

Lab: MBA

| F 344/N Rat Male<br>35000 PPM BA | DAY ON TEST | 0<br>0<br>0<br>8      | 0<br>0<br>0<br>8      | 0<br>0<br>0<br>8      | 0<br>0<br>0<br>8      | 0<br>0<br>0<br>6      | 0<br>0<br>0<br>8      | 0<br>0<br>0<br>8      | 0<br>0<br>0<br>8      | 0<br>0<br>0<br>8      | 0<br>0<br>0<br>8      | 0<br>0<br>1<br>5      | 0<br>0<br>1<br>5      | 0<br>0<br>0<br>8      | 0<br>0<br>1<br>5      | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9 | 0<br>0<br>2<br>9 | 0<br>0<br>0<br>8      | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9 | 0<br>0<br>2<br>9 |
|----------------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|------------------|-----------------------|-----------------------|------------------|------------------|
|                                  | ANIMAL ID   | 0<br>0<br>0<br>6<br>1 | 0<br>0<br>0<br>6<br>2 | 0<br>0<br>0<br>6<br>3 | 0<br>0<br>0<br>6<br>4 | 0<br>0<br>0<br>6<br>5 | 0<br>0<br>0<br>6<br>6 | 0<br>0<br>0<br>6<br>7 | 0<br>0<br>0<br>6<br>8 | 0<br>0<br>0<br>6<br>9 | 0<br>0<br>0<br>7<br>0 | 0<br>0<br>0<br>7<br>1 | 0<br>0<br>0<br>7<br>2 | 0<br>0<br>0<br>7<br>3 | 0<br>0<br>0<br>7<br>4 | 0<br>0<br>0<br>7<br>5 | 0<br>0<br>0<br>7<br>6 | 0<br>0<br>0<br>7<br>7 | 0<br>0<br>0<br>7<br>8 | 0<br>0<br>0<br>7<br>9 | 0<br>0<br>0<br>8<br>0 | 0<br>0<br>0<br>8<br>1 | 0<br>0<br>0<br>8<br>2 | 0<br>0<br>0<br>8<br>3 | 0<br>0<br>0<br>8<br>4 | 0 0 0 8 5        | 0 0 0 8 6        | 0<br>0<br>0<br>8<br>7 | 0<br>0<br>0<br>8<br>8 | 00089            | 0 0 0 9 0        |
| Brain                            |             | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                | +                | +                     | +                     | +                | +                |
| Brain, Cerebellum                |             | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                | +                | +                     | +                     | +                | +                |
| Brain, Cerebrum                  |             | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                | +                | +                     | +                     | +                | +                |

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

Kidney
SYSTEMIC LESIONS

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Benzyl acetate + glycine combination study

**CAS Number: GLYCINEBENZA** 

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:31

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

## F 344/N Rat Male 35000 PPM BA

Test Type: 18-33 DAYS

Route: DOSED FEED Species/Strain: Rat/F 344/N

ANIMAL ID

|                        | *TOTALS |
|------------------------|---------|
| Alimentary System      |         |
| Liver                  | 9       |
| Tongue                 | 9       |
| Cardiovascular System  |         |
| NONE                   |         |
| Endocrine System       |         |
| NONE                   |         |
| General Body System    |         |
| NONE                   |         |
| Genital System         |         |
| NONE                   |         |
| Hematopoietic System   |         |
| NONE                   |         |
| Integumentary System   |         |
| NONE                   |         |
| Musculoskeletal System |         |
| Skeletal Muscle        | 9       |
| Nervous System         |         |
| Brain                  | 30      |

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Benzyl acetate + glycine combination study

**CAS Number:** GLYCINEBENZA

Time Report Requested: 00:21:31

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 35000 PPM BA

Test Type: 18-33 DAYS

Species/Strain: Rat/F 344/N

Route: DOSED FEED

ANIMAL ID

|                       | *TOTALS |
|-----------------------|---------|
| Brain, Cerebellum     | 30      |
| Brain, Cerebrum       | 30      |
| Respiratory System    |         |
| NONE                  |         |
| Special Senses System |         |
| NONE                  |         |
| Urinary System        |         |
| Kidney                | 9       |
| SYSTEMIC LESIONS      |         |
| Multiple Organ        | 30      |

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

**CAS Number: GLYCINEBENZA** 

Date Report Requested: 10/23/2014

Time Report Requested: 00:21:31

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 50000 PPM BA

Test Type: 18-33 DAYS

Route: DOSED FEED Species/Strain: Rat/F 344/N

| DAY ON TEST      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|                  | 6 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 7 | 0 | 9 | 7 | 9 | 8 | 2 | 2 | 9 | 7 | 0 | 8 | 7 | 2 | 6 | 7 | 2 | 9 | 7 | 8 | 6 | 8 |
| V VIII V V I I I | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                  | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
|                  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 |

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

Spleen

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

Brain

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**CAS Number: GLYCINEBENZA** 

Test Type: 18-33 DAYS

**Test Compound:** Benzyl acetate + glycine combination study

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:32

First Dose M/F: NA / NA Lab: MBA

Species/Strain: Rat/F 344/N

Route: DOSED FEED

F 344/N Rat Male 50000 PPM BA

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|             | 6 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 7 | 0 | 9 | 7 | 9 | 8 | 2 | 2 | 9 | 7 | 0 | 8 | 7 | 2 | 6 | 7 | 2 | 9 | 7 | 8 | 6 | 8 |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMINAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
|             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 |

Brain, Cerebellum

Brain, Cerebrum

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

**CAS Number: GLYCINEBENZA** 

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:32

First Dose M/F: NA / NA

Lab: MBA

0

F 344/N Rat Male 50000 PPM BA

Test Type: 18-33 DAYS

Species/Strain: Rat/F 344/N

Route: DOSED FEED

| DAY ON TEST        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                    | 8 | 6 | 6 | 8 | 7 | 8 | 7 | 7 | 8 | 6 | 5 | 2 | 8 | 7 | 9 | 7 | 8 | 7 | 6 |
| V V II V V V I I I | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                    | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
|                    | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

\*TOTALS

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

Spleen

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

50 Brain

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Benzyl acetate + glycine combination study

**CAS Number: GLYCINEBENZA** 

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:32

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 50000 PPM BA

Test Type: 18-33 DAYS

Route: DOSED FEED Species/Strain: Rat/F 344/N

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|             | 8 | 6 | 6 | 8 | 7 | 8 | 7 | 7 | 8 | 6 | 5 | 2 | 8 | 7 | 9 | 7 | 8 | 7 | 6 |         |
| ANIIMAA ID  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
|             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | ******  |
|             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Brain, Cerebellum 49 Brain, Cerebrum 50

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 50

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

**CAS Number: GLYCINEBENZA** Route: DOSED FEED Species/Strain: Rat/F 344/N DAY ON TEST F 344/N Rat Male 9 9 9 **9 9** 50000PPMBA-GLY 0 1 ANIMAL ID Ō 5 3 9 \*TOTALS **Alimentary System** Liver Tongue **Cardiovascular System** NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** NONE Integumentary System NONE **Musculoskeletal System** Skeletal Muscle 

**Experiment Number: 93017-01** 

Test Type: 18-33 DAYS

**Nervous System** 

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Benzyl acetate + glycine combination study

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:32

First Dose M/F: NA / NA

Lab: MBA

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Time Report Requested: 00:21:32

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Benzyl acetate + glycine combination study

Route: DOSED FEED CAS Number: GLYCINEBENZA

Species/Strain: Rat/F 344/N

Test Type: 18-33 DAYS

| F 344/N Rat Male<br>50000PPMBA-GLY | DAY ON TEST | 0<br>0<br>2<br>9<br>0<br>0<br>1<br>4 | 0<br>0<br>2<br>9<br>0<br>0<br>1<br>4<br>2 | 0<br>0<br>6<br>0<br>0<br>1<br>4<br>3 | 0<br>0<br>2<br>9<br>0<br>0<br>1<br>4<br>4 | 0<br>0<br>2<br>9<br>0<br>0<br>1<br>4<br>5 | 0<br>0<br>2<br>9<br>0<br>0<br>1<br>4<br>6 | 0<br>0<br>2<br>9<br>0<br>0<br>1<br>4<br>7 | 0<br>0<br>2<br>9<br>0<br>0<br>1<br>4<br>8 | 0<br>0<br>2<br>9<br>0<br>0<br>1<br>4<br>9 | 0<br>0<br>2<br>9<br>0<br>0<br>1<br>5 | *TOTALS |
|------------------------------------|-------------|--------------------------------------|---|--------------------------------------|---|---|---|---|---|---|--------------------------------------|---------|
| Brain                              |             | +                                    | +   | +                                    | +   | +   | +   | +   | +   | +   | +                                    | 10      |
| Brain, Cerebellum                  |             | +                                    | +   | +                                    |   | +   | +   | +   |   |   | +                                    | 7       |
| Brain, Cerebrum                    |             | +                                    | +   |                                      |   | +   | +   | +   |   | +   | +                                    | 7       |
| Respiratory System                 |             |                                      |   |                                      |   |   |   |   |   |   |                                      |         |
| NONE                               |             |                                      |   |                                      |   |   |   |   |   |   |                                      |         |
| Special Senses System              |             |                                      |   |                                      |   |   |   |   |   |   |                                      |         |
| NONE<br>Urinary System             |             |                                      |   |                                      |   |   |   |   |   |   |                                      |         |
| Kidney SYSTEMIC LESIONS            |             | +                                    | +   |                                      | +   | +   | +   | +   | +   | +   | +                                    | 9       |
| Multiple Organ                     |             | +                                    | +   | +                                    | +   | +   | +   | +   | +   | +   | +                                    | 10      |

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

**CAS Number:** GLYCINEBENZA

Species/Strain: Rat/F 344/N

Test Type: 18-33 DAYS

Route: DOSED FEED

IEBENZA **Fi**i

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 00:21:32

Lab: MBA

F 344/N Rat Male 50000PPMBA-ALA

| DAY ON TEST   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---------------|---|---|---|---|---|---|---|---|---|---|
|               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|               | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| V VIII VVI ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|               | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
|               | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

\*TOTALS

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Benzyl acetate + glycine combination study

Test Type: 18-33 DAYS Route: DOSED FEED

**CAS Number: GLYCINEBENZA** 

Species/Strain: Rat/F 344/N

Lab: MBA

Date Report Requested: 10/23/2014

Time Report Requested: 00:21:32

First Dose M/F: NA / NA

| F 344/N Rat Male<br>50000PPMBA-ALA | DAY ON TEST | 0<br>0<br>0<br>7 | 0<br>0<br>0<br>7 | 0 0 0 6   | 0<br>0<br>0<br>7      |          |
|------------------------------------|-------------|------------------|------------------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| SOUGHT WIDA-ALA                    | ANIMAL ID   | 0<br>0<br>1<br>5 | 0 0 1 5 2        | 0 0 1 5 3 | 0<br>0<br>1<br>5<br>4 | 0<br>0<br>1<br>5<br>5 | 0<br>0<br>1<br>5<br>6 | 0<br>0<br>1<br>5<br>7 | 0<br>0<br>1<br>5<br>8 | 0<br>0<br>1<br>5<br>9 | 0<br>0<br>1<br>6<br>0 | *TOTALS_ |
| Brain, Cerebellum                  |             | +                | +                | +         | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 10       |
| Brain, Cerebrum                    |             |                  | +                | +         | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 9        |

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 10

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Test Type: 18-33 DAYS **Test Compound:** Benzyl acetate + glycine combination study **CAS Number: GLYCINEBENZA** Route: DOSED FEED Species/Strain: Rat/F 344/N DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 F 344/N Rat Male 2 2 9 2 9 2 2 9 29 **2 9 2 9** 2 **2 9 ALANINE** 0 0 0 0 0 0 0 0 0 0 ANIMAL ID Õ Ō 0 0 1 6 5 0 0 0 1 1 1 1 1 1 1 1 1 6 6 6 8 6 6 6 6 6 7 \*TOTALS 0 **Alimentary System** Liver 10 10 Tongue **Cardiovascular System** NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** NONE Integumentary System NONE **Musculoskeletal System** 

**Experiment Number: 93017-01** 

Skeletal Muscle

**Nervous System** 

M .. Missing tissue

10

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:32

First Dose M/F: NA / NA

Lab: MBA

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I ..Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

**CAS Number:** GLYCINEBENZA

Species/Strain: Rat/F 344/N

Test Type: 18-33 DAYS

Route: DOSED FEED

Lab: MBA

Date Report Requested: 10/23/2014

Time Report Requested: 00:21:32

First Dose M/F: NA / NA

| F 344/N Rat Male<br>ALANINE | DAY ON TEST | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9 | 0<br>0<br>2<br>9 | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9      | 0<br>0<br>2<br>9 | 0<br>0<br>2<br>9      |         |
|-----------------------------|-------------|-----------------------|------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|-----------------------|---------|
|                             | ANIMAL ID   | 0<br>0<br>1<br>6<br>1 | 0 0 1 6 2        | 0 0 1 6 3        | 0<br>0<br>1<br>6<br>4 | 0<br>0<br>1<br>6<br>5 | 0<br>0<br>1<br>6<br>6 | 0<br>0<br>1<br>6<br>7 | 0<br>0<br>1<br>6<br>8 | 00169            | 0<br>0<br>1<br>7<br>0 | *TOTALS |
| Brain                       |             | +                     | +                | +                | +                     | +                     | +                     | +                     | +                     | +                | +                     | 10      |

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

**SYSTEMIC LESIONS** 

Multiple Organ + + + + + + + + + + + 10

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

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Benzyl acetate + glycine combination study

CAS Number: GLYCINEBENZA

Date Report Requested: 10/23/2014 Time Report Requested: 00:21:32

First Dose M/F: NA / NA

Lab: MBA

\*\* END OF REPORT \*\*

I ..Insufficient tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

M ..Missing tissue