

# Anticonvulsant Screening Program

## Test 22 Results - Formalin Test (Mice I.P.)

ASP ID: 330044      U      Screen ID: 1

Solvent Code: MC      Solvent Prep: M&P,SB      Route Code: IP

Time of Test: 0.50 (hrs)

Date Started: 28-May-2008      Date Completed: 29-May-2008

Reference: F3:42

### Analysis

| Dose (mg/kg) | Test         | Area Under the Curve |              |              |       |         |
|--------------|--------------|----------------------|--------------|--------------|-------|---------|
|              |              | Control              | Drug Treated | % of Control | S.E.M | p Value |
| 200.0        | Acute        | 189                  | 134.1        | 70.95        | 10.36 | > 0.05  |
| 200.0        | Inflammatory | 544.2                | 299.9        | 55.11        | 20.56 | > 0.05  |

### Response

#### Trial 1

| Dose (mg/kg) | Animal # | Duration of Licking (sec) |       |        |        |        |        |        |        |        |        |        |        |
|--------------|----------|---------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|              |          | 0 min                     | 5 min | 10 min | 15 min | 20 min | 25 min | 30 min | 35 min | 40 min | 45 min | 50 min | 55 min |
| 0.0          | 01       | 59.1                      | 16.09 | 0      | 22.29  | 0      | 41.58  | 10.6   | 16.57  | 4.87   |        |        |        |
| 0.0          | 02       | 76.27                     | 38.12 | 0      | 3.31   | 18.63  | 35.97  | 30.35  | 0      | 0      |        |        |        |
| 0.0          | 03       | 31.85                     | 0     | 25.81  | 0      | 64.21  | 84.69  | 35.99  | 37.72  | 0      |        |        |        |
| 0.0          | 04       | 49.15                     | 0     | 0      | 0      | 18.85  | 8.4    | 0      | 0      | 0      |        |        |        |
| 0.0          | 05       | 35.24                     | 21.01 | 0      | 0      | 39.38  | 0      | 3.89   | 0      | 0      |        |        |        |
| 0.0          | 06       | 26.03                     | 0     | 24.44  | 10.88  | 8.5    | 26.92  | 57.74  | 0      | 9.4    |        |        |        |
| 0.0          | 07       | 41.39                     | 23.25 | 0      | 52.8   | 2.36   | 49.89  | 18.48  | 36.26  | 6.66   |        |        |        |
| 0.0          | 08       | 38.58                     | 0     | 0      | 0      | 59.38  | 48.47  | 48.38  | 12.93  | 0      |        |        |        |

#### Trial 1

| Dose (mg/kg) | Animal # | Duration of Licking (sec) |       |        |        |        |        |        |        |        |        |        |        |
|--------------|----------|---------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|              |          | 0 min                     | 5 min | 10 min | 15 min | 20 min | 25 min | 30 min | 35 min | 40 min | 45 min | 50 min | 55 min |
| 200.0        | 01       | 58.1                      | 22.37 | 0      | 0      | 7.22   | 63.81  | 0      | 31.25  | 5.14   |        |        |        |
| 200.0        | 02       | 46.17                     | 0     | 1.53   | 0      | 0      | 0      | 0      | 0      | 0      |        |        |        |
| 200.0        | 03       | 42.3                      | 0     | 0      | 0      | 0      | 0      | 0      | 20.98  | 10.55  |        |        |        |

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ASP ID: 330044      U      Screen ID: 1

|       |    |       |     |   |   |       |       |       |       |      |  |  |  |
|-------|----|-------|-----|---|---|-------|-------|-------|-------|------|--|--|--|
| 200.0 | 04 | 41.47 | 0   | 0 | 0 | 0     | 0     | 0     | 0     | 0    |  |  |  |
| 200.0 | 05 | 67.46 | 0   | 0 | 0 | 5.37  | 0     | 0     | 0     | 5.1  |  |  |  |
| 200.0 | 06 | 38.47 | 5.5 | 0 | 0 | 0     | 5.83  | 32.45 | 15.49 | 8.2  |  |  |  |
| 200.0 | 07 | 33.48 | 0   | 0 | 0 | 0     | 69.08 | 34.61 | 4.99  | 6.99 |  |  |  |
| 200.0 | 08 | 44.27 | 0   | 0 | 0 | 18.22 | 73.07 | 57.57 | 14.04 | 15.6 |  |  |  |

Comments: