

## Anticonvulsant Screening Program

### Test 1 Results - Mice I.P. Identification

ASP ID: 407011      U      Screen ID: 2

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

Animal Weight: 20.0 - 24.0 g

Test Date: 21-Nov-2008

Reference: 434:73

#### Response

| Time (Hours) |      |      |      | 0.5 |   | 4.0 |   | 0.25 |   | 1.0 |   | 2.0 |   | 6.0 |   | 3.0 |   | 8.0 |   | 24 |   |
|--------------|------|------|------|-----|---|-----|---|------|---|-----|---|-----|---|-----|---|-----|---|-----|---|----|---|
| Test         | Dose | Form | Dths | N   | F | C   | N | F    | C | N   | F | C   | N | F   | C | N   | F | C   | N | F  | C |
| MES          | 30   | SOL  |      | 0   | 1 | 4   | 0 | 1    |   | /   |   | /   | / |     | / | /   |   | /   |   | /  |   |
| MES          | 100  | SOL  |      | 0   | 3 | 4   | 0 | 3    | 4 | /   |   | /   | / |     | / | /   |   | /   |   | /  |   |
| MES          | 300  | SOL  |      | 0   | 1 | 4   | 0 | 1    | 4 | /   |   | /   | / |     | / | /   |   | /   |   | /  |   |
| SCMET        | 30   | SOL  |      | 0   | 1 | 5   | 0 | 1    |   | /   |   | /   | / |     | / | /   |   | /   |   | /  |   |
| SCMET        | 100  | SOL  |      | 0   | 1 | 5   | 0 | 1    |   | /   |   | /   | / |     | / | /   |   | /   |   | /  |   |
| SCMET        | 300  | SOL  |      | 0   | 1 | 5   | 0 | 1    |   | /   |   | /   | / |     | / | /   |   | /   |   | /  |   |
| TOX          | 30   | SOL  |      | 0   | 4 |     | 0 | 2    |   | /   |   | /   | / |     | / | /   |   | /   |   | /  |   |
| TOX          | 100  | SOL  |      | 0   | 8 |     | 0 | 4    |   | /   |   | /   | / |     | / | /   |   | /   |   | /  |   |
| TOX          | 300  | SOL  |      | 0   | 4 |     | 0 | 2    |   | /   |   | /   | / |     | / | /   |   | /   |   | /  |   |

Note: N/F = number of animals active or toxic over the number tested.

C= Comment code. Presence of an asterisk (\*) indicates that there are multiple comment codes.

#### Response Comments

| Test | Dose (mg/kg) | Time | Code | Comments                        |
|------|--------------|------|------|---------------------------------|
| MES  | 30           | 0.5  | 4    | Death following tonic extension |
| MES  | 100          | 0.5  | 4    | Death following tonic extension |
| MES  | 100          | 4    | 4    | Death following tonic extension |
| MES  | 300          | 0.5  | 4    | Death following tonic extension |
| MES  | 300          | 4    | 4    | Death following tonic extension |

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|       |     |     |   |                                |
|-------|-----|-----|---|--------------------------------|
| SCMET | 30  | 0.5 | 5 | Death following clonic seizure |
| SCMET | 100 | 0.5 | 5 | Death following clonic seizure |
| SCMET | 300 | 0.5 | 5 | Death following clonic seizure |

**Comments:**

Toxicity: Animals were not toxic by the rotorod test. At 1/2 hr, all mice seemed very hypersensitive to noise and touch; by the 4-hour test, the hypersensitivity was no longer present.