

INTOXICATION RATING SCALE

Behavioral observations are made over a 30-sec period.

Crews Scale

- 1: Hypoactive
- 2: Ataxia
- 3: Ataxia with dragging abdomen, delayed righting reflex
- 4: Loss of righting reflex
- 5: Loss of righting reflex and loss of eye-blink reflex

Chandler Scale

- 1: Normal
Displays normal activity and no sign of intoxication
- 2: Slightly Intoxicated
Displays minimal signs of intoxications such as slight motor impairment when walking, but otherwise appears normal
- 3: Moderately Intoxicated
Displays obvious signs of impaired motor activity but can still walk on its own
- 4: Highly Intoxicated
Displays severe motor impairment: may have trouble standing, may crawl instead of walking, dragging abdomen, loss of righting reflex
- 5: Extremely Intoxicated
Rat may be unconscious and difficult to arouse, loss of righting reflex and loss of eye-blink reflex

Combination of the two scales

- 1: Normal – Displays normal activity and no signs of intoxication
- 1.5: Hyperactive – Shows signs of behavioral activation but no other signs of intoxication
- 2: Slightly Intoxicated/Hypoactive – Displays minimal signs of intoxication such as slight motor impairment when walking or less locomotor activity, but otherwise appears normal
- 3: Moderately Intoxicated – Displaying obvious signs of impaired motor activity but can still walk on its own; Displaying ataxia and delayed righting reflex
- 4: Highly Intoxicated – Displays severe motor impairment that may include trouble standing, may be crawling instead of walking, dragging abdomen and loss of righting reflex
- 5: Extremely Intoxicated – Rat may be unconscious and difficult to rouse, loss of righting reflex and loss of eye-blink reflex