

Table 2. Irwin test 1 hour after Guaiacol treatment.

		CONTROL	GUAIACOL 50mg/kg	GUAIACOL 100 mg/kg	GUAIACOL 200 mg/kg
Physical factors and gross appearance	Coat color	A	A	A	A
	Body weight (g)	28,8 ± 0,66	33,83 ± 0,81	31,03 ± 0,45	32,1 ± 3,12
	Presence of whiskers	3 ± 0	3 ± 0	3 ± 0	3 ± 0
	Appearance of fur	2 ± 0	2 ± 0	2 ± 0	2 ± 0
	Patches of missing fur on face	0 ± 0	0 ± 0	0 ± 0	0 ± 0
	Patches of missing fur on body	0 ± 0	0 ± 0	0 ± 0	0 ± 0
	Wounds	0 ± 0	0 ± 0	0 ± 0	0 ± 0
Observation of behavior in a novel environment	Transfer behavior	5 ± 0	5 ± 0	5 ± 0	5 ± 0
	Body position	3 ± 0	3 ± 0	3 ± 0	3 ± 0
	Spontaneous activity	2 ± 0	1,67 ± 0,58	1 ± 0	1,67 ± 0,58
	Respiration rate	2 ± 0	2 ± 0	2 ± 0	2 ± 0
	Tremor	0 ± 0	0 ± 0	0 ± 0	0 ± 0
	Palpebral closure	0 ± 0	0 ± 0	0 ± 0	0,67 ± 0,58
	Piloerection	0 ± 0	0 ± 0	0 ± 0	0 ± 0
	Gait	0 ± 0	0 ± 0	0 ± 0	0 ± 0
	Pelvic elevation	2 ± 0	2 ± 0	2 ± 0	2 ± 0
	Tail elevation	1 ± 0	1 ± 0	1 ± 0	0,67 ± 0,58
	Urination	0,67 ± 0,58	0,67 ± 0,58	0,67 ± 0,58	0,67 ± 0,58
	Defecation	5 ± 1,73	4 ± 1	1 ± 1	2,33 ± 0,58
Reflexes and reactions to simple stimuli	Touch escape	2 ± 0	2 ± 0	2,67 ± 0,58	2,33 ± 0,58
	Positional passivity	0,67 ± 0,58	0,33 ± 0,58	0,33 ± 0,58	0,33 ± 0,58
	Trunk curl	1 ± 0	0,67 ± 0,58	1 ± 0	1 ± 0
	Reaching reflex	3 ± 0	3 ± 0	3 ± 0	3 ± 0
	Body tone	1 ± 0	1 ± 0	1 ± 0	1 ± 0
Measures recorded during supine restraint	Skin color	1 ± 0	1 ± 0	1 ± 0	1 ± 0
	Heart rate	1 ± 0	1 ± 0	1 ± 0	0,67 ± 0,58
	Limb tone	1 ± 0	1 ± 0	1 ± 0	1 ± 0
	Abdominal tone	1 ± 0	1 ± 0	1 ± 0	1 ± 0
	Righting reflex	0,33 ± 0,58	0 ± 0	1,33 ± 0,58	0 ± 0
	Air righting reflex	0,33 ± 0,58	0,33 ± 0,58	1,33 ± 0,58	0,33 ± 0,58
	Salivation	0 ± 0	0 ± 0	0 ± 0	0 ± 0
	Provoked biting	1 ± 0	0,67 ± 0,58	1 ± 0	1 ± 0
Grip strength and motor coordination	Grip strength	3 ± 0	3 ± 0	3 ± 0	3 ± 0
	Wire maneuver	0 ± 0	1 ± 1	0,67 ± 0,58	1 ± 0
	Wire hang	0 ± 0	0,67 ± 1,15	0,67 ± 0,58	1 ± 0
	Inverted screen	60 ± 0	46,67 ± 23,09	60 ± 0	60 ± 0
	Pole climb	0 ± 0	0 ± 0	0 ± 0	0 ± 0

Table 3. Irwin test 4 hours after Guaiacol treatment.

		GUAIACOL 50mg/kg	GUAIACOL 100 mg/kg	GUAIACOL 200 mg/kg
Physical factors and gross appearance	Coat color	A	A	A
	Body weight (g)	33,07 ± 0,68	30,63 ± 0,15	31,8 ± 3,21
	Presence of whiskers	3 ± 0	3 ± 0	3 ± 0
	Appearance of fur	2 ± 0	2 ± 0	2 ± 0
	Patches of missing fur on face	0 ± 0	0 ± 0	0 ± 0
	Patches of missing fur on body	0 ± 0	0 ± 0	0 ± 0
	Wounds	0 ± 0	0 ± 0	0 ± 0
Observation of behavior in a novel environment	Transfer behavior	5 ± 0	4,67 ± 0,58	4,67 ± 0,58
	Body position	3 ± 0	3 ± 0	3 ± 0
	Spontaneous activity	1 ± 0	1 ± 0	1 ± 0
	Respiration rate	2 ± 0	2 ± 0	2 ± 0
	Tremor	0 ± 0	0 ± 0	0 ± 0
	Palpebral closure	0 ± 0	0,33 ± 0,58	0 ± 0
	Piloerection	0 ± 0	0 ± 0	0 ± 0
	Gait	0 ± 0	0 ± 0	0 ± 0
	Pelvic elevation	2 ± 0	2 ± 0	0,67 ± 1,15
	Tail elevation	1 ± 0	0,67 ± 0,58	1 ± 0
	Urination	0,33 ± 0,58	0,33 ± 0,58	0 ± 0
	Defecation	3 ± 2	2,33 ± 3,21	1,33 ± 1,53
Reflexes and reactions to simple stimuli	Touch escape	2 ± 0	2,33 ± 0,58	2,67 ± 0,58
	Positional passivity	0,33 ± 0,58	0 ± 0	0,33 ± 0,58
	Trunk curl	1 ± 0	0,67 ± 0,58	1 ± 0
	Reaching reflex	3 ± 0	3 ± 0	3 ± 0
	Body tone	1 ± 0	1 ± 0	1 ± 0
Measures recorded during supine restraint	Skin color	1 ± 0	1 ± 0	1 ± 0
	Heart rate	1 ± 0	1 ± 0	1 ± 0
	Limb tone	1 ± 0	1 ± 0	1 ± 0
	Abdominal tone	1 ± 0	1 ± 0	1 ± 0
	Righting reflex	0,67 ± 0,58	1 ± 0	0,33 ± 0,58
	Air righting reflex	0 ± 0	0 ± 0	0 ± 0
	Salivation	0 ± 0	0 ± 0	0 ± 0
Grip strength and motor coordination	Provoked biting	0,67 ± 0,58	1 ± 0	0,67 ± 0,58
	Grip strength	3 ± 0	3 ± 0	3 ± 0
	Wire maneuver	0,67 ± 0,58	0 ± 0	0 ± 0
	Wire hang	0,67 ± 0,58	0 ± 0	0 ± 0
	Inverted screen	60 ± 0	60 ± 0	60 ± 0
	Pole climb	0 ± 0	0 ± 0	0 ± 0