

P17

Single Dose Toxicity Study of Hwang-Guem Aqua-aqupuncture Solution

Boo-Hyeong Byun

Dept of oriental medicine, Daegu Hanny University, Daegu 706-060, Korea

The single dose toxicity of Hwang-Guem Aqua aqupuncture Solution was evaluated in Sprague-Dawley. To determine the single dose toxicity, the test article was administered orally to SD rats at the doses of 0 and 2000 mg/kg. After single administration, clinical signs were observed every day for 14 days and body weights were measured 5 times including initial measurement on day 0 (the days of administration). Mortalities, clinical findings and body weight changes were monitored over the 14-day period following the administration. The necropsy was done at the end of study. From these results, it was concluded that the test article may not have any single dose toxicity and LD₅₀ values were estimated to be >2000 mg/kg in SD rats.