

ACUTE ORAL TOXICITY STUDY OF RASARAJ RASA IN MICE

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ABSTRACT

Objective: The aim of present study was to evaluate the acute toxicity of Rasaraj Rasa in mice.

Material and Method: In present investigation, a dose of Rasaraj Rasa (325 mg/kg body weight) was administered orally for 14 days.

Result: A limit dose of 325 mg/kg of Rasaraj Rasa did not cause any mortality or signs of acute toxicity in the mice tested during the observation period. This implying that Rasaraj Rasa is non toxic. Throughout 14 days of the treatment no changes in behavioral pattern and body weight of mice in both control and treatment groups. There was no cyanosis, blanching or Inflammation of nasal tips, paws, eyes, ears or abnormal secretion from mouth, eyes & nose was seen. Also, Urine output of test group animals was comparable to control group of animals & was normal.

Conclusion: Overall, the results suggest that, the oral administration of Rasaraj Rasa did not produce any significant toxic effect in mice

Keywords: Rasaraj Rasa, Acute Toxicity, body weight, Inflammation, non-toxic etc.
