

ACUTE ORAL TOXICITY STUDY OF PRAVALA BHASMA POWDER IN MICE

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ABSTRACT

Objective: The aim of present study was to evaluate the acute toxicity of Pravala Bhasma Powder in mice.

Material and Method: In this study the three doses i.e 3.9 mg/20g, 19.5 mg/20g & 39 mg/20g of Pravala Bhasma Powder was administered orally for 14 days. The equivalent human doses are 1.5 gm, 7.5 gm & 15 gm respectively. The maximum dose administered was 10 times the therapeutic dose.

Result: The oral administration of Pravala Bhasma Powder at the highest dose (10 times) of Therapeutic dose) resulted in no mortalities or evidence of adverse effects implying that Pravala Bhasma Powder is non toxic. Throughout 14 days of the treatment no hyperactivity, depression or abnormal behavior was seen. Urine output of test group animals was comparable to control group of animals & was normal. Also, there was no cyanosis, blanching or Inflammation of nasal tips, paws, eyes, ears, No abnormal secretion from mouth, eyes & nose was seen.

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

Keywords: Pravala Bhasma Powder, Acute Toxicity, body weight, depression etc.
