

ACUTE ORAL TOXICITY STUDY OF SUVARNA BHASMA (PREMIUM) POWDER IN MICE

**Shree Dhootapapeshwar Ayurvedic Research Foundation (SDARF), Panvel, Raigad,
Maharashtra-410206.**

ABSTRACT

Objective: The aim of present study was to evaluate the acute toxicity of Suvarna Bhasma (premium) in mice.

Material and Method: In present investigation, three doses of the Suvarna Bhasma (i.e. 32.5 mg/kg, 162.5 mg/kg, and 325 mg/kg per body weight) were administered orally for 14 days.

Result: A limit dose of 325 mg/kg of Suvarna Bhasma did not cause any mortality or signs of acute toxicity in the mice tested during the observation period. This implying that Suvarna Bhasma 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 Suvarna Bhasma (premium) did not produce any significant toxic effect in mice

Keywords: Suvarna Bhasma (premium), Acute Toxicity, body weight, Inflammation, non-toxic etc.
