

ACUTE ORAL TOXICITY STUDY OF SHWET PARPATI 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 Shwet Parpati in mice.

Material and Method: Toxicity study was conducted on mice at a dose of 13 mg / 20 gm (10 TD) of body weight, p.o. Animals were observed for mortality and behavioral changes up to 14 Days.

Result: The oral administration of Shwet Parpati at the highest dose (10 times) of Therapeutic dose resulted in no mortalities or evidence of adverse effects implying that Shwet Parpati is nontoxic. Throughout 14 Days of the treatment no hyperactivity, depression or abnormal behavior was seen. There was no cyanosis, blanching or Inflammation of nasal tips, paws, eyes, ears & tail. No abnormal secretion from mouth, eyes & nose was seen. Autopsy study showed that, there was no enlargement of any organ. There was no swelling or inflammation of the organs and no external or internal bleeding was seen.

Conclusion: Shwet Parpati was administered to mice in at the highest dose (10 times) of Therapeutic dose. There were no signs and symptoms of toxicity observed even for 10 times the therapeutic dose. There was no mortality. The result of the study indicates Shwet Parpati is safe.

Keywords: Shwet Parpati, diarrhea, Acute toxicity, body weight, depression etc.
