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(57) Abstract :

The present invention relates to preparation of ethanolic extract of moringa oleifera roots and evaluation of its anti-diarrhoeal potential. The dried roots part of Moringa oleifera (0.5 kg) was powdered and extracted with ethanol. Ethanolic extract was used for the studies. Toxicity studies were performed as per OECD guidelines. The antidiarrheal effect was studied by different models in rats at dose levels 100,200 and 400 mg/kg orally. The results indicate that ethanolic extract of Moringa oleifera was found to be safe at the dose 2000 mg/kg. The extracts 100,200 and 400 mg/kg exhibited significant inhibits. The results of the experimental study confirmed that ethanolic extract of Moringa oleifera is devoid of toxicity and possesses significant antidiarrheal activity.

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