

# Evaluation of Gastro-Protective Activity of Methanolic Extract of 'Portulaca Oleracea' Whole Plant

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**Abstract:** *Portulaca oleracea* is a small shrub belongs to a family portulacaceae and is found throughout India, growing to a height of 5 to 7cm and spreads 30 to 40 cm. the flowers are yellow or golden colored usually blooming in the summer and late spring season. The root and bark powder of *Portulaca oleracea* is found to be effective against gastric acidity. The gastro-protective activity of Methanolic fraction of root of *Portulaca oleracea* plant was tested by using screening technique of anti-ulcer activity. Administration of Methanolic extract of *Portulaca oleracea* shows significant Anti-ulcer activity in a dose dependent manner (100mg/kg and 200mg/kg), when compared to control which is evident by decrease in ulcer index. This result suggests that Methanolic extract of root and bark of *Portulaca oleracea* whole plant possess gastro protective (anti-ulcer) activity.

**Keywords:** Phytochemical, Antioxidant, Antiulcer, *Portulaca Oleracea*., Portulacaceae.

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