

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 14/2025
ISSUE NO. 14/2025

शुक्रवार
FRIDAY

दिनांक: 04/04/2025
DATE: 04/04/2025

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(51) International classification :A61K0036480000, A61P0001040000, A61K0009000000,
A61P0001000000, A61K0047380000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to :NA
Application Number :NA
Filing Date :NA
(62) Divisional to Application :NA
Number :NA
Filing Date :NA

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(57) Abstract :

The present invention relates to a novel herbal suspension formulated from the aqueous extract of Trigonella foenum-graecum (fenugreek) seeds for the management of gastric disorders. The extract is obtained through Soxhlet extraction using water as a solvent, ensuring the retention of bioactive compounds. The suspension incorporates pharmaceutically acceptable excipients, including sodium carboxymethyl cellulose, Tween-80, sodium benzoate, and orange oil, to enhance stability, palatability, and patient compliance. The formulation exhibits dual therapeutic action by neutralizing excess gastric acid and inhibiting H⁺/K⁺-ATPase activity, providing effective gastroprotection. This plant-based composition offers a safe, natural, and cost-effective alternative to conventional antacids and proton pump inhibitors, with reduced side effects. The invention has potential application in the prevention and treatment of gastric ulcers and related gastrointestinal conditions.

No. of Pages : 11 No. of Claims : 8