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| <p>(51) International classification :A61K0009200000, A61K0009000000, A61P0001040000, A61P0003040000, A61K0031000000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p> | <p>(71)Name of Applicant : 1)Ms. Neha Tamta Address of Applicant :Assistant Professor, Faculty of Pharmacy, IFTM University, Lodipur-Rajput, Delhi Road, NH-24, Moradabad, Uttar Pradesh, India. Pin Code-244001 ----- 2)Dr. Hemendra Gautam 3)Dr. Preeti Biswas 4)Dr. Charu Khanna 5)Dr. Rajesh Shukla 6)Dr. Vikas Pandey 7)Dr. Mohit 8)Dr. Kuldeep Shukla 9)Mr. Harendar Kumar Nivatya 10)Ms. Vibha Sharma 11)Ms. Zubreena Khan 12)Ms. Shagun Jaiswal Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Ms. Neha Tamta Address of Applicant :Assistant Professor, Faculty of Pharmacy, IFTM University, Lodipur-Rajput, Delhi Road, NH-24, Moradabad, Uttar Pradesh, India. Pin Code-244001 ----- 2)Dr. Hemendra Gautam Address of Applicant :Professor and Dean Faculty of Pharmaceutical Sciences, Future University, Bareilly, Uttar Pradesh, India. Pin Code-243503 ----- 3)Dr. Preeti Biswas Address of Applicant :Assistant Professor, Mohammad Ali Jauhar University, Rampur, Uttar Pradesh, India. Pin Code- 244901 ----- -- 4)Dr. Charu Khanna Address of Applicant :Dean and Professor, Faculty of Sciences, Future University, Bareilly, Uttar Pradesh, India. Pin Code-243503 ----- ----- 5)Dr. Rajesh Shukla Address of Applicant :Dean Academics, Mangalayatan University, Bareilly, Uttar Pradesh, India. Pin Code- 483001 ----- -- 6)Dr. Vikas Pandey Address of Applicant :Dean, Department of Pharmacy, Mangalayatan University Bareilly, Uttar Pradesh, India. Pin Code-483001 ---- ----- 7)Dr. Mohit Address of Applicant :Professor and HOD, Department of Pharmaceutical Chemistry, School of Pharmacy and Research, Dev Bhoomi Uttarakhand University, Dehradun, Uttarakhand,India. Pin Code- 248007 ----- 8)Dr. Kuldeep Shukla Address of Applicant :Associate Professor and HOD, Department of Pharmaceutics, Jyotiraditya Institute of Pharmacy, JD Shiksha Gram, Kohandaur, Pratapgarh, Uttar Pradesh, India. Pin Code-230401 ----- 9)Mr. Harendar Kumar Nivatya Address of Applicant :Assistant professor, Smt. Vimla Devi College of Pharmacy, Babugarh Cantt, Hapur, Uttar Pradesh, India. Pin Code-245201 ----- 10)Ms. Vibha Sharma Address of Applicant :Assistant Professor, School of Pharmacy, Bahra University, Shimla hills, Wagnaghat, Solan, Himachal Pradesh, India. Pin Code-173234 ----- 11)Ms. Zubreena Khan Address of Applicant :Associate Professor, Lotus Institute of Pharmacy, Bareilly, Uttar Pradesh, India. Pin Code- 243001. ----- 12)Ms. Shagun Jaiswal Address of Applicant :Assistant Professor, Lotus Institute of Pharmacy, Bareilly, Uttar Pradesh, India. Pin Code- 243001. -----</p> |
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(57) Abstract :

The Present invention relates to an pharmaceutical composition containing a standardized extract of Trigonella foenum-graecum seeds is developed for effective anti-ulcer therapy. The formulation, presented as tablets or capsules, includes excipients such as microcrystalline cellulose, starch, hydroxypropyl methylcellulose, magnesium stearate, and talc to ensure tablet integrity, controlled release, and rapid disintegration. Hydroxypropyl methylcellulose provides sustained release of the active extract, promoting prolonged gastroprotective effects and reducing dosing frequency. In-vitro evaluations show the composition disintegrates within 15 minutes and releases over 70% of the active ingredient within 30 minutes, ensuring effective bioavailability. The tablets exhibit uniform weight, adequate hardness, and low friability, indicating good mechanical strength. This plant-based formulation offers a safe, natural, and efficient alternative to conventional anti-ulcer drugs, with enhanced patient compliance and minimal side effects.

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