

**FORMULATION AND EVALUATION OF HERBAL DRUG LOADED  
TOPICAL DRUG DELIVERY SYSTEM FOR BETTER TREATMENT  
OF WOUNDS****Dilip Kumar Mishra<sup>\*1</sup>, Ashvani Kumar<sup>2</sup> and Abadhesh Kumar Niranjana<sup>3</sup>**

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**ABSTRACT**

Herbal formulations are dosage forms that contain one or more herbs or processed herbs in specific amounts to provide specific nutritional or cosmetic benefits, and are intended for use to diagnose, treat, or mitigate diseases in humans. Emulgel, also known as gelled emulsions (of the oil-in-water or water-in-oil type), is created by the addition of a gelling agent. Powdered drug was treated with different reagents and the colour changes were observed and tabulated in table. Physico-chemical Characters of *Linum usitatissimum* seed extract Total ash, Acid insoluble ash, Water insoluble ash, Loss on Drying was found to be 10.61, 1.25, 6.35 and respectively 4.5 w/w. Different Physicochemical evaluation parameters of formulated emulgel were examined by standard methods and results were shown in table. The

formulation FE-3 was found to have good spreadability, viscosity and Stability study and can be further used for wound healing. Further examinations should be possible to assess the various investigations on *Linum usitatissimum* various parts.

**KEYWORDS:** Herbal, *Linum usitatissimum*, Emulgel, skin, wound healing.