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Formulation and Evaluation Of Anti-Imflammatory And Anti- Oxidant Polyherbal Capsule Made From Moringa Powder

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Abstract: This study aimed to formulate and evaluate polyherbal capsules containing Moringa oleifera, Turmeric, Ginger, and Ashwagandha. The capsules were prepared using a blend of herbal powders and evaluated for their physicochemical properties, phytochemical composition, and antioxidant activity. The results showed that the capsules met the required standards for weight variation, content uniformity, and disintegration time.

The phytochemical analysis revealed the presence of various bioactive compounds, including flavonoids, phenolic acids, and alkaloids. The capsules also exhibited significant antioxidant activity, indicating their potential health benefits. The stability studies showed that the capsules were stable under various storage conditions. Overall, the polyherbal capsules containing Moringa oleifera demonstrated promising results, suggesting their potential use as a dietary supplement for health benefits.

Keywords: Moringa oleifera, Polyherbal capsules, Phytochemical analysis, Antioxidant activity, Stability studies





