

Formulation and Evaluation of Herbal Syrup for Anti-Inflammatory Activity

Ketan Ovhal¹, Ms. Dalvi. A.M², Rajkumar Sharma³

Department of Quality Assurance^{1,2,3}

Samarth Institute of Pharmacy, Belhe, Junnar

Ketanovhal04@gmail.com

Abstract: Herbal syrups are a widely used natural remedy for coughs and colds, formulated with medicinal herbs such as turmeric, ginger, and clove. These syrups are typically prepared using a concentrated herbal decoction mixed with honey or sugar, which enhances palatability and acts as a natural preservative. The efficacy of herbal syrups is evaluated based on parameters such as physical appearance, pH, stability, viscosity, and clarity. Turmeric, ginger, and clove contribute significant therapeutic benefits due to their anti-inflammatory, antioxidant, and antimicrobial properties. Turmeric contains curcumin, known for its ability to reduce inflammation and support digestion. Ginger, rich in gingerol, has anti-inflammatory, immune-boosting, and pain-relieving properties, while clove provides high antioxidant activity and potential blood sugar regulation benefits.

Keywords: Herbal syrup, Turmeric, Ginger, Clove, Antibacterial activity, Natural medicine, Formulation.

