

Formulation and Evaluation of Herbal Shampoo from *Couroupita Guianensis*

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Abstract: *The study was aimed at formulating and evaluating a herbal shampoo from Couroupita guianensis leaves. The shampoo contained aqueous extracts of Couroupita guianensis leaves, coconut oil, clove oil, castor oil, ethyl alcohol and lemon grass oil. Shampoos are the products which removes surface grease, dust from the hair shaft and scalp. The physicochemical parameters such as color, clarity, pH, and skin irritation, the percentage of solid contents, dirt dispersion, foaming ability and foam stability, wetting time and stability studies were studied using recommended procedures. The evaluation studies determine the characteristic features of specific Herbal shampoo. The organoleptic evaluations of the herbal shampoo showed good results. The pH of the herbal shampoo range between 5 to 6, which was near to the skin pH. The surface tension of developed shampoo was found to be 32.42 dynes/c respectively. The percentage of solid content of prepared shampoo was found to be b/w 28.05- 35.5. In the current scenario, the herbal shampoo is better in performance and safer than the synthetic ones. The main objective of this study was to eliminate harmful synthetic ingredient from herbal shampoo formulation and substitute them with a safe natural ingredient.*

Keywords: Shampoo, Herbal shampoo, physicochemical parameters, foam stability, and retention