

## Abstract

People are becoming more and more dependent on herbal remedies every day, not just for chronic conditions but also for a variety of acute issues. The cosmetic industry favors herbal shampoo formulations because of their all-natural constituents and claimed health advantages. These formulas frequently combine botanical extracts, essential oils, and other components derived from plants that are well-known for their cleaning, nourishing, and hair-improving qualities. Herbal shampoos are created by carefully choosing these organic ingredients and taking into account their stability, compatibility and effectiveness. Formulations for herbal shampoo frequently include biodegradable components and packaging to meet the growing customer demand for environmentally friendly and sustainable goods. The composition includes the botanical extracts of amla, reetha, and shikakai. These herbal products that we have prepared have higher levels of polyphenols, saponins, tannins, antioxidants and vitamins, all of which promote hair development. Physical and chemical characteristics of the herbal shampoo were examined. Some of the techniques include visual examination, pH measurement, solubility, cleaning action, % solid content estimation, etc. A more extreme strategy to spread the use of herbal shampoo would be to alter customer expectations, placing more of a focus on safety and efficacy. This study's primary goal was to replace hazardous synthetic ingredients in herbal shampoo composition with a secure natural component.