

Formulation & Evaluation of Poly Herbal Hand Wash

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Abstract: The aim of the present study is to formulate and evaluate herbal hand wash gel by Using extracts of *Azadirachta indica* (neem powder), *Ocimum tenuiflorum* (Tulasi powder), *Mentha* (mint powder), *Syzygium aromaticum* (clove oil), *Sapindus mukorossi* (rithapowder), carbopol 940 (gelling agent), methyl Paraben (preservative), Glycerin (softening agent), distilled water, (vehicle), Turmeric (colorant), Rose oil (perfume), Saponin Extract. To select the plant materials. To extract powders from plants by air drying method to get particle free extract. To prepare herbal hand was gel by using suitable agents. To evaluate herbal hand wash gel. Like cosmetics and cosmeceuticals (a cosmetic that has claimed medicinal properties) are topically applied but they have ingredients that influences the biological actions of skin. The WHO estimates that most of the population of Asian country presently use herbal medicine for the purpose of hand hygiene includes preparation of hand wash. the present study was carried out to formulate polyherbal hand wash gel containing herbal extract which is used not only for the purpose of cleaning hands but also for the prevention of bacterial growth. Its composition was prepared according to skin delicateness so that it cannot cause any type of irritation. Hence it can be concluded that polyherbal hand wash gel are much better than the plain soaps or existing marketed hand wash due to their ingredient's and effectiveness on our skin of hands as well a suitable for all type of skin

Keywords: *Azadirachta indica*, *Ocimum tenuiflorum*, *Mentha*, *Syzygium aromaticum*, *Sapindus mukorossi*, carbopol 940, methyl Paraben

