

“Multidisciplinary Approach towards Indian Knowledge System”

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Phytochemicals analysis of some hair care herbs

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Abstract:

The phytochemicals present in plants act as potential source of useful drugs to improve the health status of humans. Phytochemicals analysis is the first step towards discovery of useful drugs. Plants are the richest resources of drugs and useful for the various biological activity. The present investigation includes the phytochemical screening of some plant used in preparation of ayurvedic shampoo. Phytochemical tests were carried out specially for screening secondary metabolites from the selected medicinal plants. The phytochemicals like alkaloids, saponis, carbohydrates, tannin and phenols are present and Lecuoanthocyanine, Phlabotannins are absent.

Keywords: Hair care herbs, Phytochemicals, *Emblca officinalis* Gaertn., *Lawsonia inermis* L., *Ocimum sanctum* L., *Acacia concinna* L., *Hibiscus rosa – sinensis* L., *Bacopa monnieri* L. and *Sapindus mukorossi* Gaertn.

1. Introduction:

The phytochemicals are biologically active chemical compounds naturally occurring in plants. They are non-nutritive plant chemicals that have protective or disease preventive properties. They are a large group of plant derived compounds hypothesized to be responsible for much of the disease protection conferred from diets high in fruits, vegetables , cereals and plant based beverages such as tea and wine.

All around the world, hair care herbs are added to formulations in order to bring plant powered properties to our shampoos, conditioners and hair treatments. A wide range of active principles of various plants including vitamins, phyto hormones, bioflavonoids, enzymes, tannic acids , amino acids, sugars, glycosides and essential oils can potentially be useful in organic haircare formulations.

Traditional knowledge exists worldwide in all communities covering varied areas including health, agriculture and natural resource management. In case of the developing world Africa and Latin America are also rich in traditional knowledge but they are to be found by and large only as oral traditions. Asia in general and India in particular have a distinction that traditional knowledge is found not just as oral tradition but also as classical literature that is