

FORMULATION OF HAIR COLORS FROM NATURE

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Abstract

Loss of hair colour is due to reasons such as environmental factors, genetic influence, etc. Though the permanent synthetic hair dyes are available in different colour ranges ,they have side effects of producing mainly hypersensitive reactions, cancer and many life threatening diseases .In the present investigation various combination of natural products which yield colour like pomegranate, herda , baheda ,amla were used to make hair dye which coloured the hair black.

INTRODUCTION

The use of hair colour is not new. The art of hair dyeing was used by Egyptians from vegetables dyes from the early 5000 years BC. The first artificial dye was synthesized in 1856, and permanent hair colorants have been used commercially for over 100 years. Henna was the most popular and is still one of the popular dye. But instead of getting black color, red to copper red color was obtained. Loss of natural hair color is due to varied reason like genetic influence, effect of environmental factors. Though permanent synthetic hair dyes are available in varied color ranges , they have the disadvantage of producing hypersensitive reactions . also studies have shown permanent hair color have produced cancer.

A need was felt to formulate a product which is safe for use and does not have any problem of hypersensitive reaction. in the present investigation the formulation is developed to get natural black color using combination of natural products. The main aim of this investigation is to formulate natural and safe hair color.

MATERIAL AND METHOD

Triphala powder{baheda(*terminalia bellerica*), harda(*terminalia chebula*)} , henna (*Lawsonia inermis*) leaves/powder , amla(*embilica officinalis*) juice/boiled and smashed amla(*embilica officinalis*), pomegranate(*Punica granatum*) peel , shoe flower(*Hibiscus rosa-sinensis*) , iron vessel.

Method of preparation: above ingredients were taken mixed thoroughly water was added if necessary and paste was made in a iron vessel.

COLLECTION OF UNPIGMENTED HAIR

Grey Hair of my grandmother were cut from tips.

PRELIMINARY PREPARATION OF HAIR COLOR

Triphala powder {baheda(*terminalia bellerica*), harda(*terminalia chebula*)} , henna (*Lawsonia inermis*) leaves/powder , amla juice/ amla(*embilica officinalis*) powder/boiled and smashed amla, pomegranate (*Punica granatum*) peel , shoe flower(*Hibiscus rosa-sinensis*) were taken and mixed thoroughly to makes smooth paste in iron vessel . Paste was kept in iron vessel for 3 hours before applying.

DISSCUSION

The paste was applied to hair with the help of brush and kept in contact with hair for 2 hours. After 2 hours the hair were washed with water only then oil was applied and after 24 hours washed with shampoo. The color went on darkening as the days past. The color was seen to be permanent till first one and a half month. The color slowly went on decreasing after each wash and the full color vanished after 13 washings (each washing was given after 4 days). This color was concluded to be semi permanent.

Advantage of this natural color is that it does not cause any irritation. Hence it is suitable natural color and can be recommended for further studies.

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