FORMULATION OF HAIR - COLORING PREPARATIONS FROM MEDICINAL PLANT

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¡ÒÃ¾Ñ²¹ÒµÓÃÑºÂÒÂéÍÁ¼Á¨Ò¡ÊÁØ¹ä¾Ã

¹Ò§ÊÒÇ Á³ÇÃÑµ¹ì ÈÑ¡´Ôì¾Ò¹Ôª

¹Ò§ÊÒÇ ÁÑÅÅÔ¡Ò àËÅèÒÇÕÃÐ¸ÃÃÁ

â¤Ã§¡ÒÃ¹Õéà»ç¹ÊèÇ¹Ë¹Öè§¢Í§¡ÒÃÈÖ¡ÉÒµÒÁËÅÑ¡ÊÙµÃ

»ÃÔ--ÒµÃÕàÀÊÑªÈÒÊµÃìºÑ³±Ôµ

¤³ÐàÀÊÑªÈÒÊµÃì ÁËÒÇÔ·ÂÒÅÑÂÁËÔ´Å

¾.È. 2539

<u>º·¤Ñ´Âèí</u>

»Ñ¨¨ØºÑ¹ä´éÁÕ¤ÇÒÁÊ¹ã¨ã¹¡ÒÃ¹ÓÊÕ¸ÃÃÁªÒµÔÁÒãªéã¹à¤Ã×èÍ§ÊÓÍÒ§
à¹×èÍ§¨Ò¡¤ÇÒÁà»ç¹¾ÔÉÊÐÊÁ¢Í§ÊÕÊÑ§à¤ÃÒÐËì
¨Ö§·Ó¡ÒÃÈÖ¡ÉÒ¤ÇÒÁàËÁÒÐÊÁ¢Í§ÊÕ¨Ò¸ÃÃÁªÒµÔ·Õè¨Ð¹ÓÁÒÂâéÍÁ¼Á
¨Ò¡¡ÒÃÈÖ¡ÉÒ¡ÒÃ¼ÊÁÊÕ¨Ò¡´Í¡ÍÑ-ªÑ¹¡ÑºÊÕ¨Ò¡à·ÕÂ¹¡Ôè§
«Öè§ä´é¨Ò¡¡ÒÃÊ¡Ñ´´éÇÂ¹éÓ ¨Ò¡¹Ñé¹¹ÓÊÒÃÊ¡Ñ´·Õèä´éä»ÃÐàËÂº¹ water bath
¨¹ä´éÊÕ·ÕèÁÕÅÑ¡É³Ð¢é¹àË¹ÕÂÇ
àÁ×èÍä´éÊÕ·Ñé§ÊÍ§áÅéÇ¡ç¹ÓÁÒ¼ÊÁ¡Ñ¹´éÇÂÍÑµÃÒÊèÇ¹µèÒ§æ
áÅéÇ¨Ö§¼ÊÁà¢éÒ¡Ñº gel base ¨Ò¡¹Ñé¹¹Ó product
·Õèä´éÂéÍÁÅ§º¹»ÍÂ¼Á·Õè¡Ñ´´éÇÂ H_2O_2 50 % à»ç¹àÇÅÒ 10 ªÑèÇâÁ§
áÅÐÅéÒ§ÍÍ¡´éÇÂ¹éÓËÅÒÂæ¤ÃÑé§
ã¹¡ÒÃ·´ÅÍ§ä´éãªéÊÕã¹¤ÇÒÁà¢éÁ¢é¹µèÒ§æ¡Ñ¹ ä´éá¡è 8.4 % , 15. 5% , 21. 6
% , 26. 8 % â´ÂãªéÍÑµÃÒÊèÇ¹ à·ÕÂ¹¡Ôè§ : ÍÑ-ªÑ¹ à·èÒ¡Ñº 10 : 1
áÅÐãªéàÇÅÒÂéÍÁ 2 ªÑèÇâÁ§ ¨Ó¹Ç¹ 1 ªØ´ , 4 ªÑèÇâÁ§ ¨Ó¹Ç¹ 1 ªØ´
¼Å»ÃÒ¡¯ÇèÒ
¤ÇÒÁà¢éÁ¢Í§ÊÕ¼Á¹Ñé¹à¢éÁ¢Öé¹àÁ×èÍà»ÍÃìà«¹µìÊÕà¾ÔèÁ¢Öé¹áÅÐàÁ×èÍà·Õ
ÂºªØ´·Õèãªéà¢ÅÒÒÂéÍÁ 2 ªÑèÇâÁ§ áÅÐ 4 ªÑèÇâÁ§ ¾ºÇèÒ
¤ÇÒÁà¢éÁ¢Í§ÊÕäÁèµèÒ§¡Ñ¹ÁÒ¡¹Ñ¡
¡ÒÃ·´ÅÍ§¢Ñé¹µèÍÁÒ¨Ö§àÅ×Í¡ãªéÊÕã¹¤ÇÒÁà¢éÁ¢é¹ 26. 8% áÅÐãªéàÇÅÒÂéÍÁ 2
ªÑèÇâÁ§ áµèà»ÅÕèÂ¹á»Å§ÍÑµÃÒÊèÇ¹ à·ÕÂ¹¡Ôè§ : ÍÑ-ªÑ¹ à»ç¹ 10 : 6
¾ºÇèÒ¼Á·ÕèÂéÍÁáÅéÇÁÕÊÕà¢éÁ¢Öé¹¡ÇèÒà´ÔÁ
áµèÂÑ§ÍèÍ¹ä»äÁèàËÁÒÐ¡ÑºÊÕ¼Á¢Í§¤¹ä·Â
¡ÒÃ·´ÅÍ§µèÍÁÒ¨Ö§à¾ÔèÁà»ÍÃìà«¹µìÊÕà»ç¹ 40 % áµè ÍÑµÃÒÊèÇ¹ à·ÕÂ¹¡Ôè§ :
ÍÑ-ªÑ¹ ¤§à´ÔÁ¤×Í 10 : 6
¼Å»ÃÒ¡¯ÇèÒÊÕ¼Á·ÕèÂéÍÁä´é¹Ñé¹à»ç¹ÊÕ¹éÓµÒÀà¢éÁà¡×Í°Ó«Öè§à»ç¹ÊÕ¼Á·
ÕèàËÁÒÐ¡ÑºÊ¤¹ä·Â
µèÍÁÒ¨Ö§ä´éËÖ¡ÉÒ¶Ö§¡ÒÃµÔ´·¢Í§ÊÕÂéÍÁâ´Â¹Ó¼Á·ÕèÂéÍÁàÊÃç¨áÅéÇÁÒÊÃÐ´
éÇÂáªÁ¾ÙáÅéÇ·ÓãËéáËé§·Ñé§ÊÔé¹ 6 ¤ÃÑé§
ÊÕ¢Í§¼Á·ÕèÂéÍÁ¹Ñé¹¨Ö§ã¡Åéà¤ÕÂ§¡ÑºÊÕ¢Í§ control.

Abstract

In recent years, there has been and increase trend in the use of natural coloring agents in cosmetics due to the cuminative toxicity of synthetic dyes. The present study, therefore, attempts to find a suitable mixture of natural coloring agents derived from the flowers of Butterfly pea and the leaves of Henna with may be used as hair colorant for the Thais. Concentrated water extracts from both plants were mixed with a gel base at varying concentration, namely 8.4, 15.5, 21.6 and 26.8 percent. Initially, the ratio of Henna to Butterfly pea of 10 : 1 was used . The preparations were tested on H_2O_2 bleached locks of hair for 2 to 4 hours. It was found that there was no significant difference between the hair treated for 2 hours or 4 hours, although the retention of the color increased with the concentration of the gel. To adjust the shade of the dyed hair from reddish brown to dark brown, the ratio of Henna to Butterfly pea was changed to 10 : 6 and the concentration of the gel increased to 40 %. After treatment , the hair appeared dark brown to almost black, which would be suitable for Thai hair. The color appeared to last through 4 - 6 shampoos.