



**FORMULATION AND CHARACTERIZATION OF NOVEL *Ziziphus Spina-Christi* HERBAL PREPARATION AS A HAIR TONIC**

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**ABSTRACT**

**Background:** Hairs are an important part of human beauty. The hair and scalp treatment primarily involves the use of shampoo for effective and smooth cleaning. The shampoo is not only a hair cosmetic that is used for the removal of oil, dust particles, dirt, dandruff, and environmental pollutant but it is also intended for maintaining the health and beauty of the hair. The present study deals with the formulation and evaluation of herbal shampoo and compares its physicochemical characteristics with marketed synthetic and natural shampoos.

**Results:** The formulated herbal shampoo is clear and appealing. It showed good cleansing and detergency properties, low ST, small bubble size, and good foam stability after 5 min.

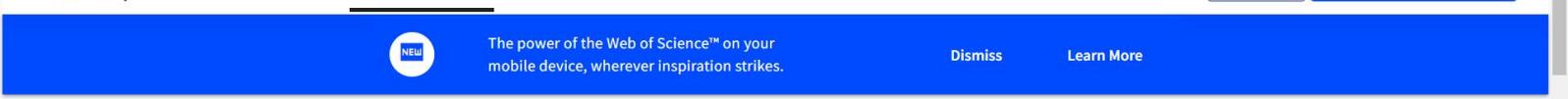
**Conclusions:** The overall results indicated the formulated shampoo is giving excellent conditioning performance at par with commercially available shampoo. Hence the prepared herbal shampoo can be proven safe and cost-effective as compared to available marketed formulations.

**Keywords:** Herbal shampoo, Cosmetics, *Ziziphus Spina-Christi*, Reetha, Amla, Sheekakai

**1. INTRODUCTION**

Hair-care products may be defined as formulations, which can be meant for cleaning, modifying the feel, converting of the color, giving lifestyles to the harassed hair, and giving the healthy look to the hair

[1, 2]. Cleaning hair with shampoo is the most common method for hair treatment. Shampoos are mostly being products geared toward cleaning the hair and scalp. Hairs are the intrinsic part of human beauty



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