

Abstract

The aim of this research was to develop Aloe Vera body lotion by using Aloe Vera extract powder. The results showed that suitable amount of Aloe Vera extract powder was 1%200X. The pH of the Aloe Vera lotion was 5.66. The original solution of body lotion that using for final was Sodium polyacrylate 2.7%, Dicaprylyl ether 3%, Mineral oil 70 4%, Propylene glycol 8%, DMDM hydantoin 0.6%, Sodium stearyl Glutamate 0.2%, Water 81.5%, and Aloe Vera extract powder 200x 1%.The color of final Aloe Vera lotion was light yellow because of Aloe Vera powder. The results showed that there are no different between commercial Aloe Vera lotion with Aloe Vera lotion from Aloe Vera extract power in overall liking, viscosity, ease of spread, ease of absorb, stickiness, and skin moisturizing. There was significantly different in skin smoothness by 6.40 and 5.87. There are 37% prefer body lotion with Aloe Vera extract powder, 44% prefer commercial Aloe Vera lotion, and 19% not prefer any of aloe Vera extract powder lotion or commercial aloe Vera lotion. 37% of consumer will buy this product, 45% don't sure and 18% will not buy this product. Due to 300 ml Aloe Vera lotion the preferable price that consumer will buy is around 100-200 Baht (60%).