

Surveillance on the Quality of Foot Mask Products in Taiwan

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ABSTRACT

In order to investigate the quality of marketed foot mask products, 31 samples were randomly collected from cosmetics stores, grocery stores, department stores, convenient stores and website in Taiwan area from January to April, 2011. These samples were assayed for salicylic acid and four kinds of alpha hydroxy acid, including glycolic acid, dl-malic acid, lactic acid and citric acid by high performance liquid chromatography and checked for pH value. The result showed that 2 samples did not comply with their claims. In addition, 6 samples (25.0%) violated the labeling regulation requirements.

Key words: cosmetic, alpha hydroxy acid, salicylic acid, pH value, foot mask, HPLC and pH meter

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