

# Survey on 1,4-Dioxane of Marketed Cosmetics Cleansers in Taiwan Area

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## ABSTRACT

In order to investigate the quality of marketed cosmetics cleansers, 81 samples were randomly collected from cosmetics stores, drug stores or pharmacies by local health bureaus in Taiwan area from January to May, 2011. These samples were analyzed for 1,4-Dioxane by gas chromatography-mass spectrometry. The result showed that all contained lower than the announced level of 100 ppm set by Department of Health. In addition, 7 samples (8.6%) violated the labeling regulation requirements.

Key words: cosmetic, cleansers, 1,4-Dioxane, GC/MS

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