

AN INVESTIGATION OF THE QUALITY OF COLD AND HOT HAIR – WAVING LOTIONS

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In order to determine the quality of cold and hot permanent wave lotions on the market, 100 samples (70 cold and 30 hot lotions) were purchased from different counties and cities in Taiwan during the 1991 fiscal year. The items examined for both the cold and hot permanent wave solutions included: appearance, identification of pH value assay of active ingredients, and alkalinity of the first solution of cold and hot permanent wave lotions. The results indicated that 64 samples of the cold permanent wave lotions and 13 samples

of the hot permanent wave lotions did not comply with the manufacturers' specifications. Furthermore, three samples of the cold permanent wave lotions and 15 samples of the hot permanent wave lotions were sold without a license.

We conclude that the quality of commercial permanent wave lotions have not improved during the last 7 years and education and enforcement is needed to make sure that manufacturers improve their quality. (*J Natl Public Health Assoc (ROC)*: 1993; 12(2): 185-190)

Key words: *Cold permanent wave lotions, Hot permanent wave lotions*

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