

〈教育セミナー〉

敏感肌研究の各社の取組み：敏感肌をどう考え、どう開発するか

敏感肌用化粧料の開発

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Development of Cosmetic Series for Sensitive Skin

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Abstract

The development of cosmetics designed for sensitive skin has been required due to the increased number of women claiming sensitive skin. The word 'sensitive skin' is not an academically defined term. However, it is generally understood as a dermal type which is liable to cause harmful reactions to the skin by external factors, although no apparent lesions are observable. The key point in the formulation of sensitive skin care cosmetics is to avoid applying ingredients which may cause irritation and allergy as much as possible. Safety evaluation of KVS cosmetic series developed for sensitive skin was performed according to the following 3 steps; (1) formulation analysis and *in vitro* safety test, (2) several safety tests on healthy human volunteers, and (3) patch test and usage test on the patients with mild skin disorder. In conclusion, the KVS series possesses both safety and usefulness that satisfies the requirements as sensitive skin care cosmetics with low irritancy and low allergy.

Key words: sensitive skin, safety evaluation, clinical test.