

〈Communication〉

## Effect of Layered Application of Different Cosmeceutical Formulations Containing Rhododendrol

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### Abstract

We determined the skin permeation of rhododendrol (RD) after finite doses of layered application of RD-containing cosmeceutical products. It was believed that the layered application increased the skin permeation of RD, causing the development of white blotches and depigmentation in various parts of the face and the body. The present results, however, clearly indicated that the layered application of products decreased the skin permeation of RD, although the increase in application volume may be a reason for the high skin permeation of RD.

**Key words:** finite dose, layered application, rhododendrol, skin permeation, transdermal delivery.