

〈教育セミナー〉

アクセサリーオーガンとオーラルケアの香粧品学～エチケットのサイエンス～

天然精油成分に関する基礎知識とローズオイル香り成分に関する
皮膚からの発散についての検証

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**Basic Knowledge about the Ingredients of Essential Oil, and Verification of
Aroma Diffusing Mechanism through Human Skin by Intake of Rose Otto Capsules**

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Abstract

Determination of citronellol and geraniol, which are major components of rose oil, exhaled from human skin after oral intake of capsule containing rose oil was performed. After oral intake of the capsule with water, the sweat containing citronellol and geraniol exhaled from the head, arm, and the neck of the 9 volunteers was collected. The sweat was extracted with diethyl ether, and then the extract was analyzed with gas chromatograph mass spectrometry. The resulted total amounts of citronellol and geraniol showed 2.03 μg in 0-30 min and 2.49 μg in 30-60 min.

Key words: rose oil, essential oil, oral intake, skin gas, Bulgarian rose · otto