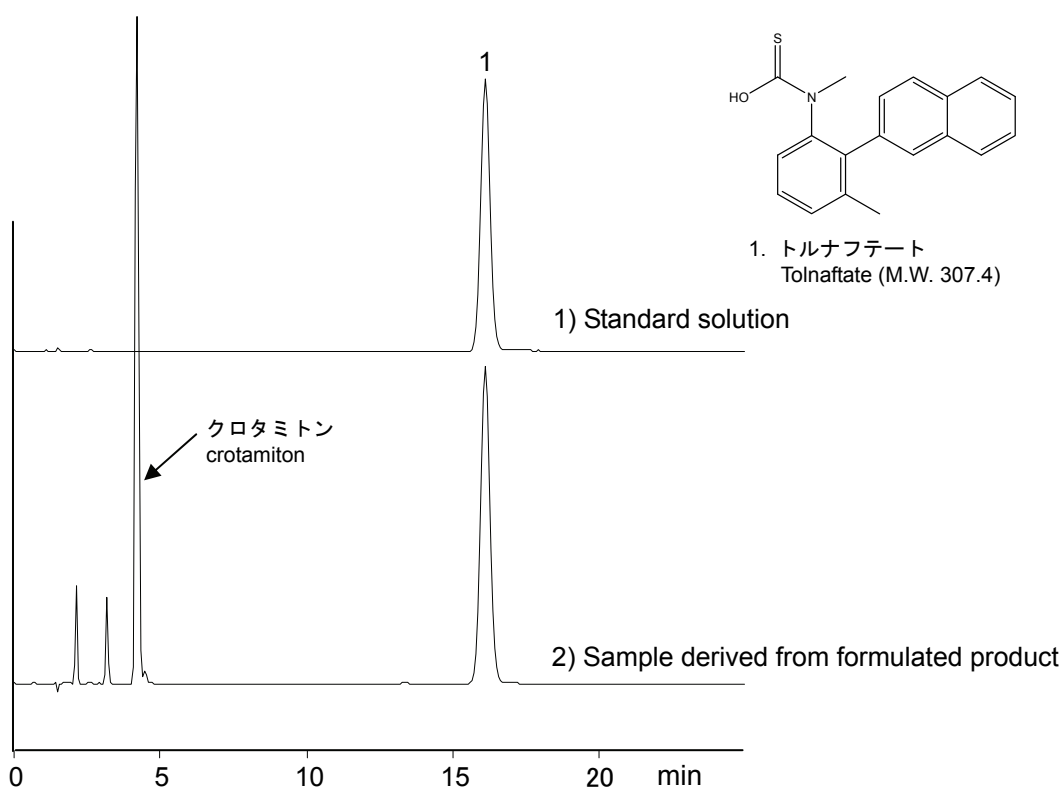


トルナフテートは白癬菌に選択的に作用し、角質層への浸透性を有する抗菌薬です。ここでは、CAPCELL PAK C₁₈ MG S5(2.0 mm i.d. x 150 mm)を用いて、局所刺激作用を有し、痒みを鎮める鎮痛効果を示すクロタミントンも同時に測定した分析例を示します。

Tolnaftate, an anti-fungal agent, penetrates horny cell layer, and attacks dermatophyte. Crotamiton, an antipruritic, shows a local irritant action, and stops itching. These drugs were separated with a CAPCELL PAK C₁₈ MG S5(2.0 mm i.d. x 150 mm).



【HPLC Conditions】

- Column : CAPCELL PAK C₁₈ MG S5 ; 2.0 mm i.d. x 150 mm
- Mobile phase : H₂O / CH₃CN = 30 / 70
- Flow rate : 200 μL/min
- Temperature : 40 °C
- Detection : UV 250 nm
- Inj. vol. : 1 μL
- Sample dissolved in : 1) Mobile phase, 200 μg/mL
2) 0.1g of product was dissolved in methanol, and sonicated for two minutes, and left until being separated to two layers. The upper layer was introduced to HPLC.

※ 1 μg/mL = 1 ppm