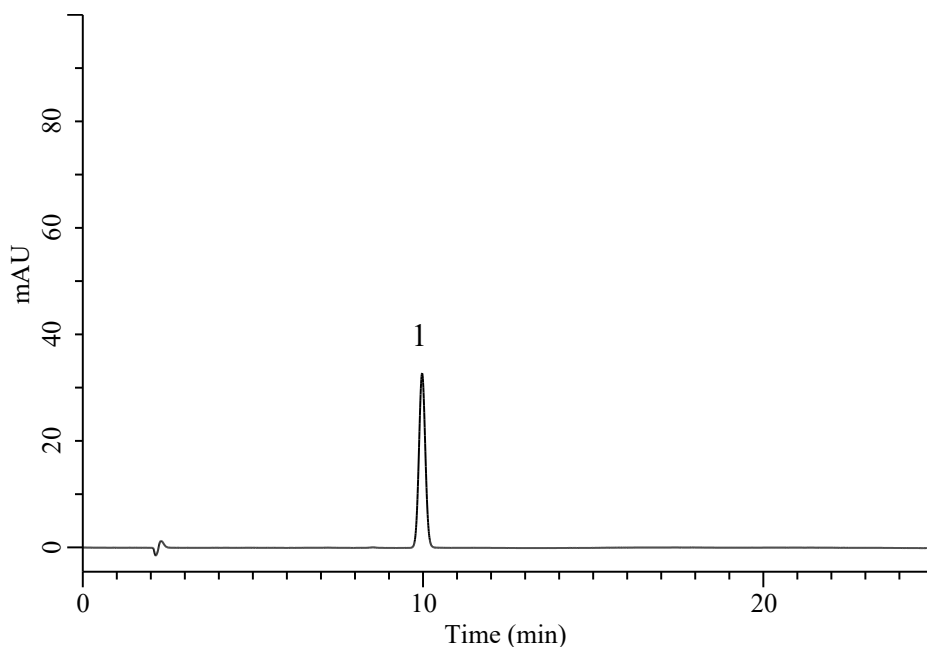


Analysis of Desonide

(Under the Condition of USP-NF 2025 Issue 3, Desonide Cream, ASSAY)

(Under the Condition of USP-NF 2025 Issue 3, Desonide Lotion, ASSAY)



Conditions

System	: Primaide (HITACHI)
Column	: InertSustain AQ-C18 (GL Sciences Inc.) (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No.	: 5020-89731
Eluent	: CH ₃ CN/H ₂ O = 40/60, v/v
Flow Rate	: 1.2 mL/min
Col. Temp.	: 40 °C
Detection	: UV 240 nm (Primaide 1435 DAD)
Injection Vol.	: 10 μ L
Sample	: Standard in CH ₃ CN

Analyte:

1. Desonide 0.02 mg/mL

Tailing factor : 1.02 (≤ 2.0)

RSD of the peak area (%) (n=6) : 0.41 (≤ 1.0)