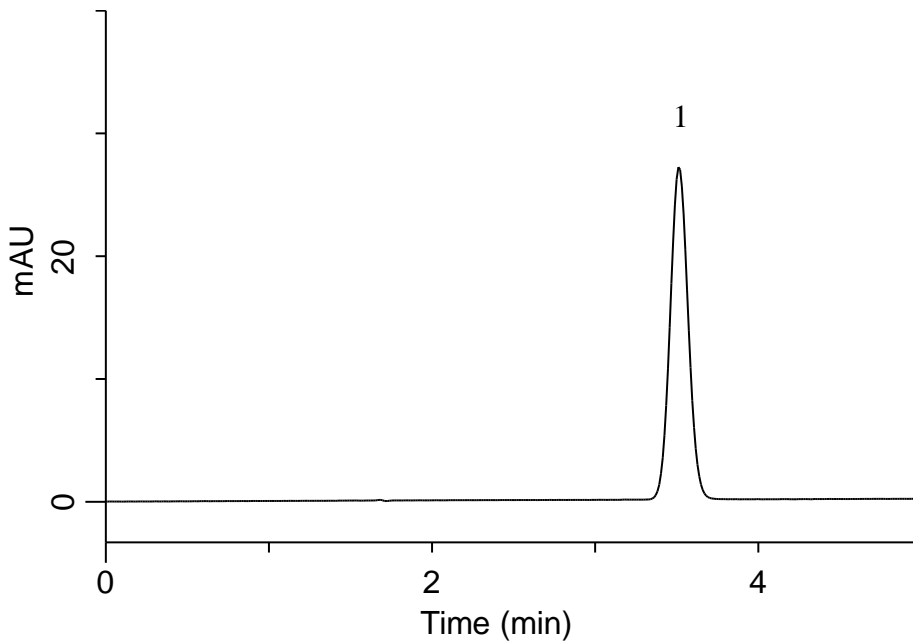


Analysis of Acetaminophen (Under the Condition of USP 39-NF34, Acetaminophen Capsules)



Conditions

System : GL7700 HPLC system
Column : Inertsil ODS-3
 (10 μ m, 300 x 3.9 mmI.D.)
Column Cat. No. : 5020-87016
Eluent : A) CH₃OH
 B) H₂O
 A/B = 25/75, v/v
Flow Rate : 1.5 mL/min
Col. Temp. : 40 °C
Detection : UV 243 nm (PD7752 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Acetaminophen 0.01 mg/mL

Theoretical plate number : 3,766 (\geq 1,000)
 Tailing factor : 1.04 (\leq 2.0)
 RSD of the area (%) (n=5) : 0.33 (\leq 2.0)