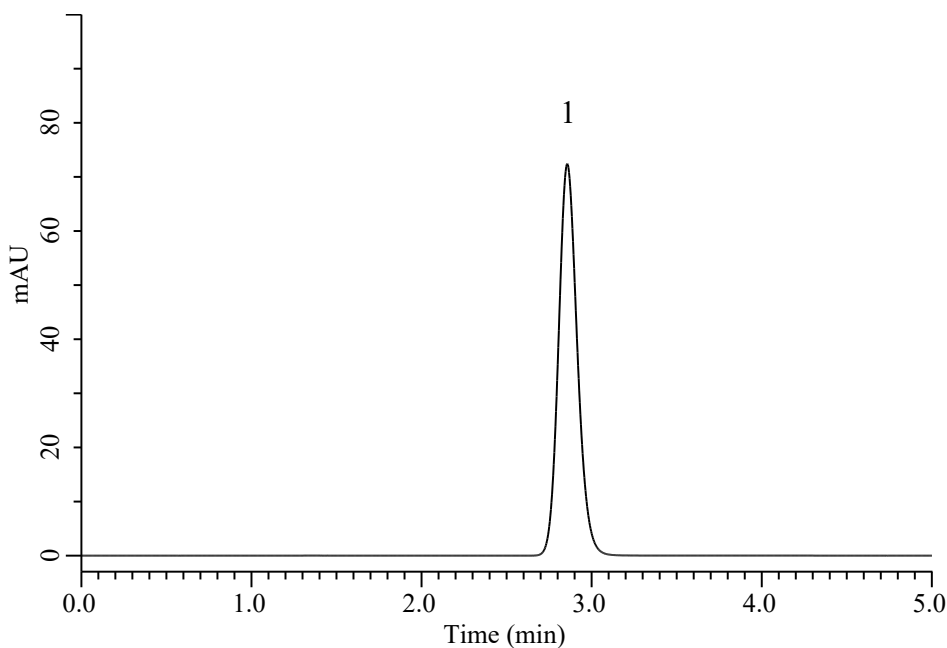


Analysis of Acetaminophen

(Under the Condition of USP41-NF36, Acetaminophen Oral Solution, ASSAY)



Conditions

System : Chromaster PLUS (HITACHI)
Column : Inertsil WP300 C18 (GL Sciences Inc.)
 (10 μ m, 300 x 3.9 mm I.D.)
Column Cat. No. : 5020-90660
Eluent : A) CH₃OH
 B) H₂O
 A/B = 1/3, v/v
Flow Rate : 1.5 mL/min
Col. Temp. : 40 °C
Detection : UV 243 nm (Chromaster 5420 UV-VIS)
Injection Vol. : 10 μ L
Sample : Standard in Eluent

Analyte:

1. Acetaminophen 0.01 mg/mL

Theoretical plates number : 3231 ($\geq$ 1000)

Symmetry factor : 1.14 ($\leq$ 2)

RSD of the peak area (%)(n=6) : 0.05 ($\leq$ 2.0)