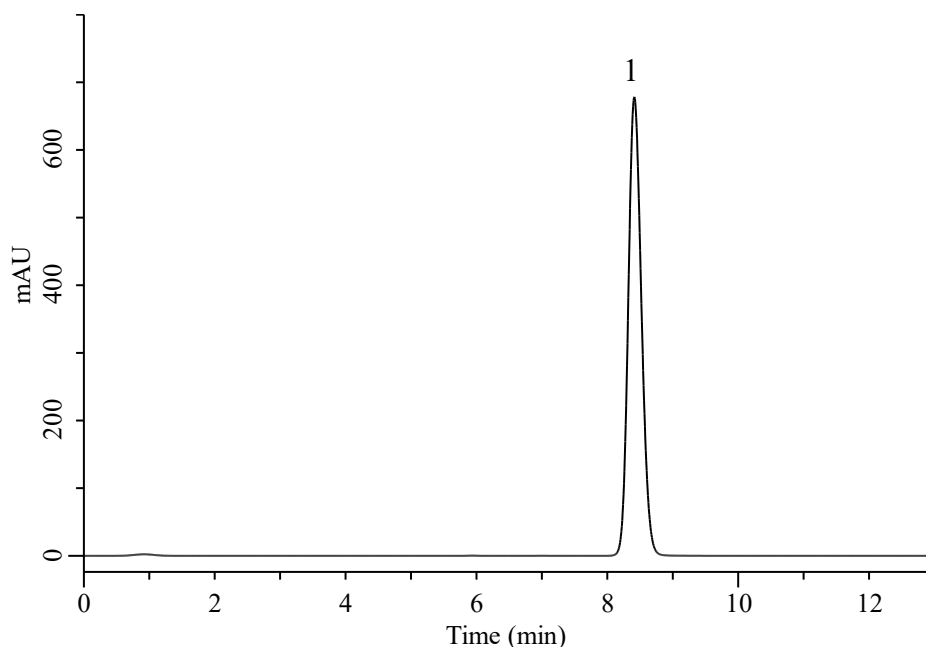


Analysis of Methocarbamol

(Under the Condition of USP43-NF38, Methocarbamol Injection, ASSAY)



Conditions

System : Primaide (HITACHI)
Column : InertSustain C18 (GL Sciences Inc.)
 (3 μ m, 100 x 4.6 mm I.D.)
Column Cat. No. : 5020-07444
Eluent : A) CH₃OH
 B) Buffer*
 A/B = 30/70, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 30 °C
Detection : UV 274 nm (Primaide 1435 DAD)
Injection Vol. : 20 μ L
Sample : Standard in Elute

Analyte:

1. Methocarbamol 1.0 mg/mL

RSD of the peak area(%) (n=6) : 0.29 % ($\leq$ 2.0)

*6.8 g/L of monobasic potassium phosphate in water.

Adjust with phosphoric acid or potassium hydroxide to a pH of 4.5.