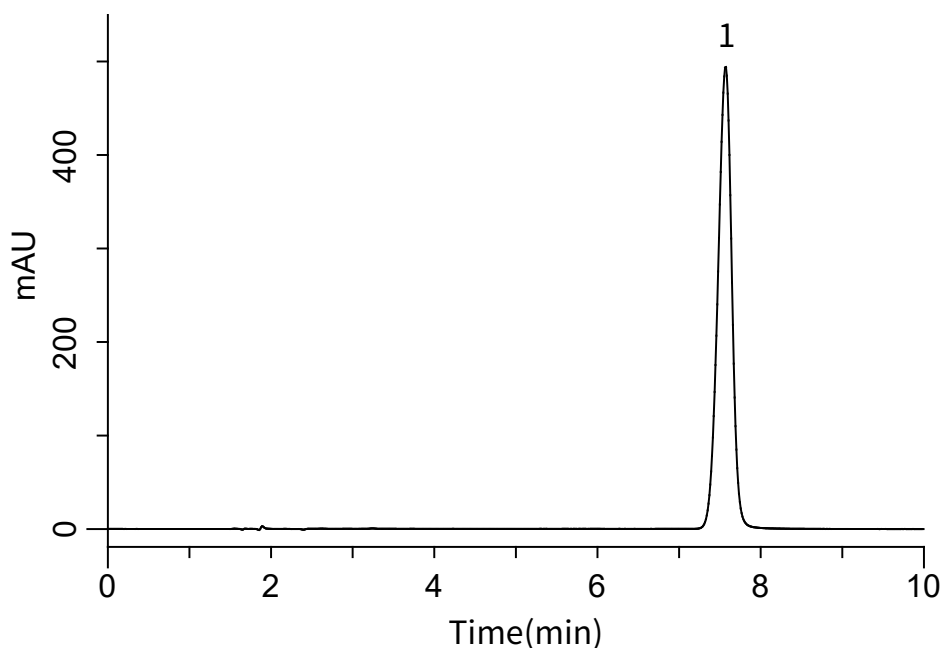


Analysis of Cephalexin

(Under the Condition of USP 39-NF34)

Data No. LB462-0894



Conditions

System : GL7700 HPLC system
Column : InertSustain C18
(5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : Solution*
Flow Rate : 1.5 mL/min
Col. Temp. : 40 °C
Detection : UV 254 nm (PD7752 PDA Detector)
Injection Vol. : 20 μ L
Sample : Standard

*0.985 g/L of sodium-1-pentanesulfonate in a mixture of acetonitrile, methanol, triethylamine, and water (20:10:3:170).
Adjusted pH 3.0 with phosphoric acid.

Analyte:

1. Cephalexin 0.4 mg/mL
RSD of the area (%) (n=5) : 0.03 ($\leq$ 2.0)