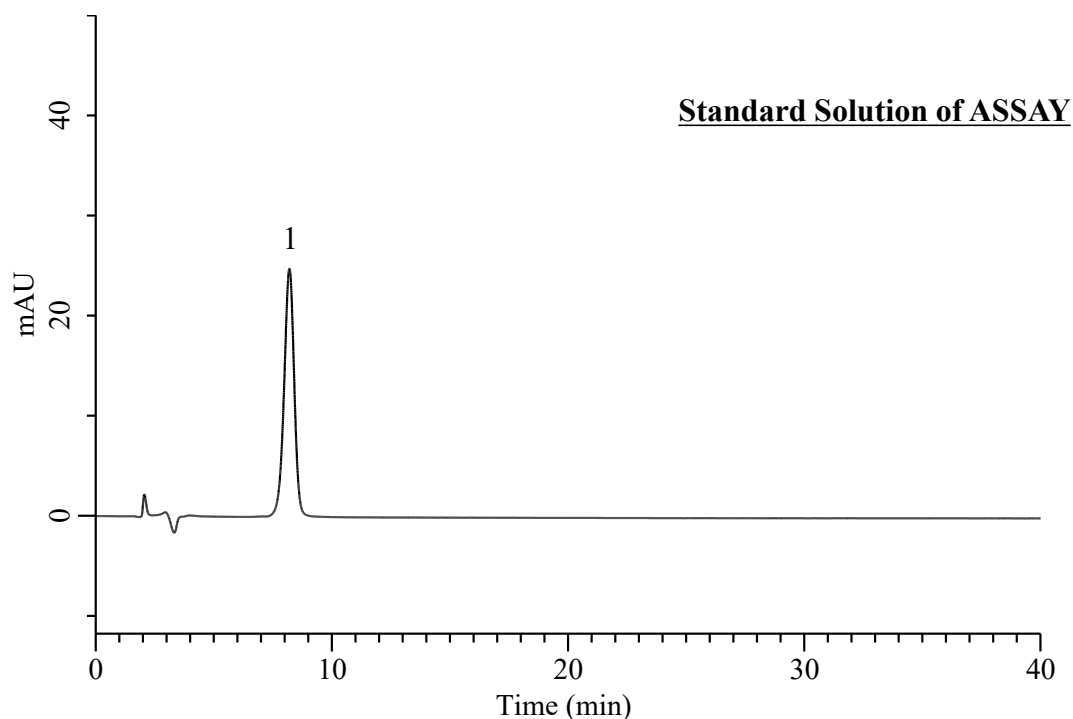


Analysis of Desloratadine

(Under the Condition of the USP43-NF38, Desloratadine Tablets)



Conditions

System : Chromaster PLUS HPLC system (HITACHI)
Column : InertSustain Cyano (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89276
Eluent : CH₃OH/phosphate buffer solution* = 20/80 , v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 30 °C
Detection : UV 241 nm (1430 DAD)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Desloratadine 20 μ g/mL

RSD of the peak area (%) (n=6) : 0.33 (\leq 2.0)

Tailing factor : 0.91 (\leq 2.0)

*Dissolve 4.35 g of dibasic potassium phosphate in 1 L of water. Adjust with phosphoric acid to a pH of 3.0.