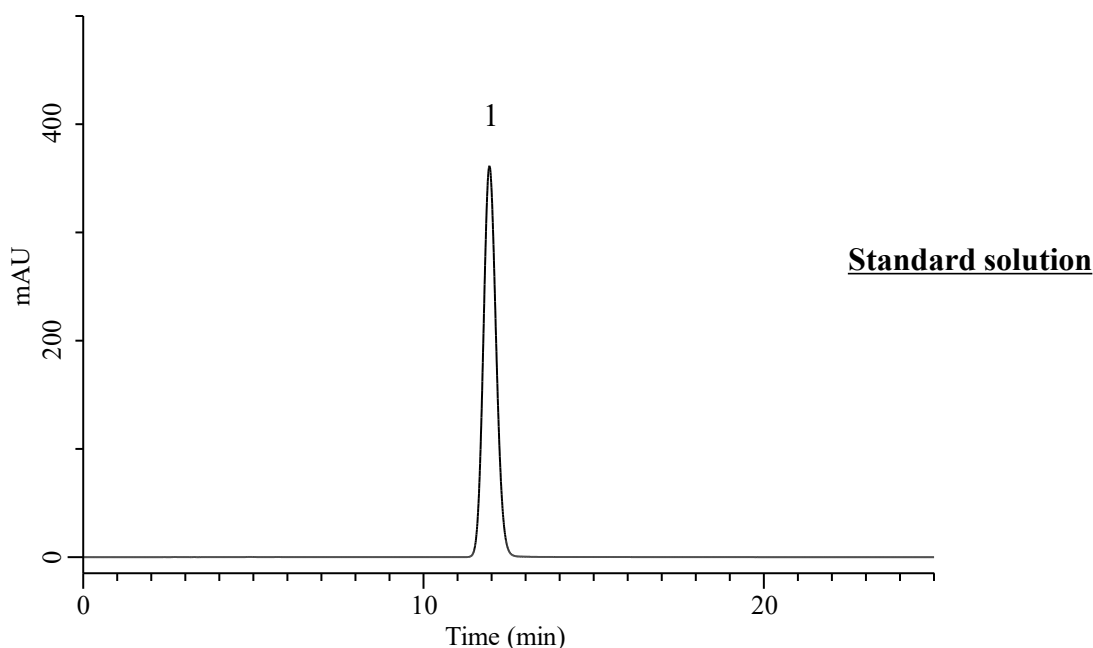


Analysis of Prazosin hydrochloride

(Under the Condition of draft for USP, Prazosin Hydrochloride Compounded Oral Suspension, ASSAY)



Conditions

System : Primaide (HITACHI)
Column : InertSustain C18 (GL Sciences Inc.)
 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : Solution*
Flow Rate : 1.0 mL/min
Col. Temp. : 15 °C
Detection : UV 250 nm (Primaide 1435 DAD)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Prazosin hydrochloride 0.1 mg/mL**

Tailing factor : 1.11 ($\leq$ 2.0)

RSD of
the peak area (%) (n=6) : 0.46 ($\leq$ 2.0)

*: Add 1.74 g of sodium 1-pentanesulfonate and 3.64 mL of a 25% tetramethylammonium hydroxide solution to 500 mL of water. Adjust with glacial acetic acid to a pH of 5.0. Add 500 mL of methanol.

** : Transfer 21.90 mg of Prazosin hydrochloride, equivalent to 20 mg of prazosin, to a 200-mL volumetric flask and dissolve in 20 mL of methanol. Add Eluent to volume.