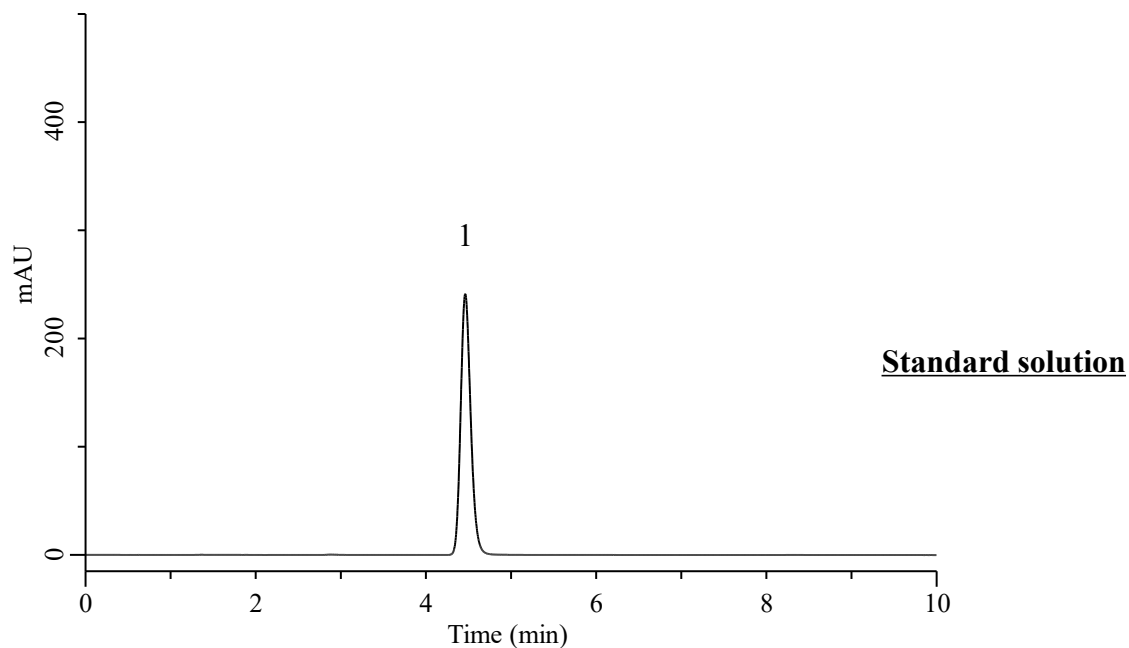


## Analysis of Pyridostigmine bromide

(Under the Condition of draft for USP PF52(2), Pyridostigmine Bromide Extended-Release Tablets, ASSAY)



### Conditions

**System** : Primaide (HITACHI)  
**Column** : InertSustainC18 (GL Sciences Inc.)  
 (5  $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-07345  
**Eluent** : Solution\*  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 270 nm (Primaide 1410 UV)  
**Injection Vol.** : 20  $\mu$ L  
**Sample** : Standard in Eluent

### **Analyte:**

1. Pyridostigmine bromide 0.1 mg/mL

Tailing Factor : 1.21 ( $\cong$  1.5)

RSD of the peak area (%) (n=6) : 0.16 ( $\cong$  1.0)

\*: Dissolve 1 g of sodium 1-heptanesulfonate in 895 mL of water. Add 5 mL of triethylamine. Adjust with phosphoric acid to a pH of 3.0. Add 100 mL of acetonitrile.