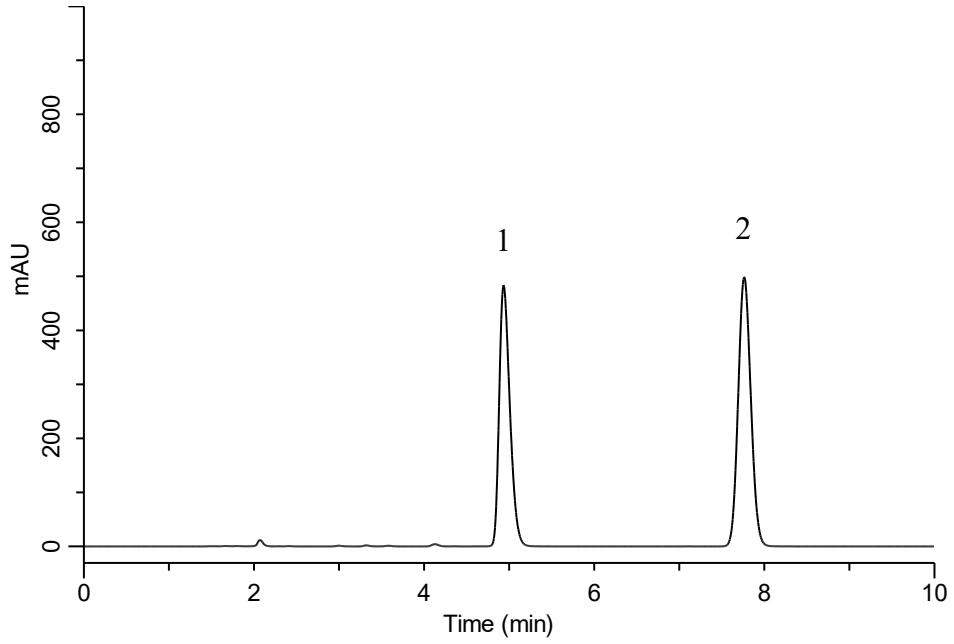
# Analysis of Cetirizine hydrochloride

**(Under the Condition of Japanese Pharmacopoeia, Cetirizine hydrochloride Tablets)**




## Conditions

**System** : GL-7400 HPLC system
**Column** : Inertsil C8-3
(5µm, 250 × 4.0 mm I.D.)
**Column Cat. No.** : 5020-01903
**Eluent** : $CH_3CN$ / 0.34 g/L IPCC-07 in $H_2O$ = 42/58, v/v (pH 3.0, 0.5 M $H_2SO_4$)
(IPCC-07 : Sodium 1-Heptane sulfonate)
**Flow Rate** : 0.95 mL/min
**Col. Temp.** : 25 ℃
**Detection** : UV 230 nm (GL-7452 PDA Detector)
**Injection Vol.** : 20 µL
**Sample** : Standard

**Analyte:**

1. Cetirizine hydrochloride 100 mg/L
2. Propyl *p*-hydroxybenzoate 200 mg/L

Resolution (1, 2) : 11.3 ≧ 7
RSD of the
peak area ratio of
1 to 2 (%)(n=6) : 0.11 ≦ 1.0