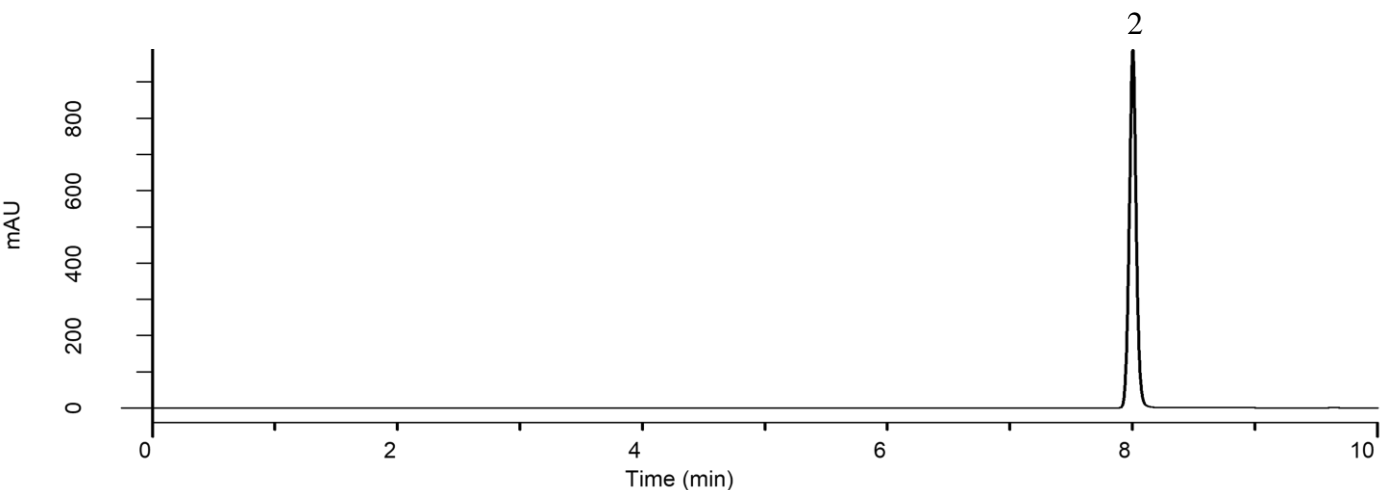


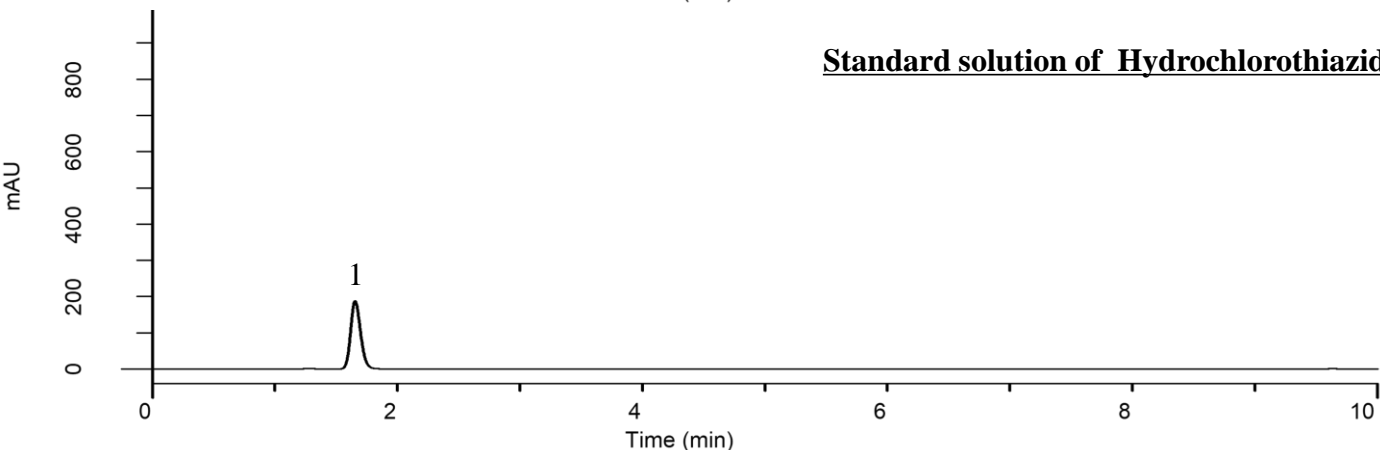
Analysis of Telmisartan and Hydrochlorothiazide

(Under the Condition of the Japanese Pharmacopoeia supplement II, Telmisartan and Hydrochlorothiazide Tablets)

Standard solution of Telmisartan



Standard solution of Hydrochlorothiazide



Conditions

System : GL7700 HPLC system
Column : Inertsil C8-3 (5 μm, 75 x 3.0 mm I.D.)
Column Cat. No. : 5020-04923
Eluent : A) CH₃CN
 B) 2 g/L NH₄H₂PO₄ (pH 3.5, H₃PO₄)

Time(min)	A(vol%)	B(vol%)
0	10	90
2	10	90
7	80	20
8	80	20

Flow rate : 0.8 mL/min
Col. Temp. : 40 °C
Detection : UV 270 nm (UV7750 UV Detector)
Injection Vol. : 5 μL
Sample : Standard

Analyte:

1. Hydrochlorothiazide 50 mg/L
 2. Telmisartan 320 mg/L

Theoretical plates (2) : 98,756 (≥ 15,000)
 Symmetry factor (2) : 1.04 (≤ 2.0)
 RSD of the peak
 area of 2 (%) (n=6) : 0.09 (≤ 1.0)
 Theoretical plates (1) : 2,018 (≥ 1,500)
 Symmetry factor (1) : 1.19 (≤ 2.0)
 RSD of the peak
 area of 1 (%) (n=6) : 0.10 (≤ 1.0)