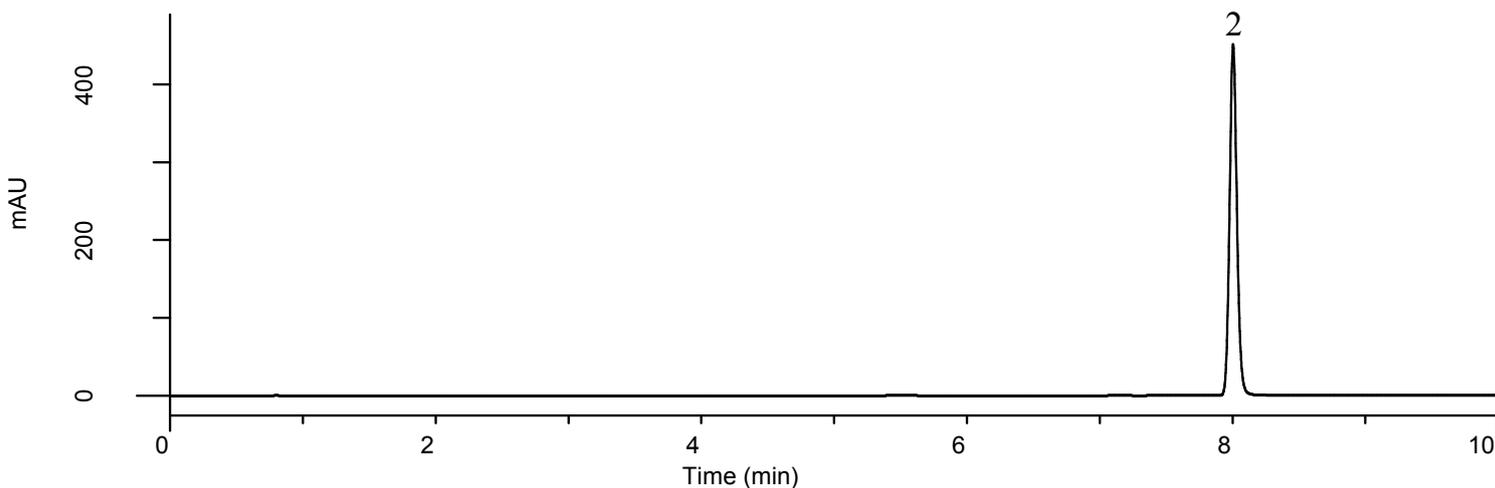


Analysis of Telmisartan and Hydrochlorothiazide

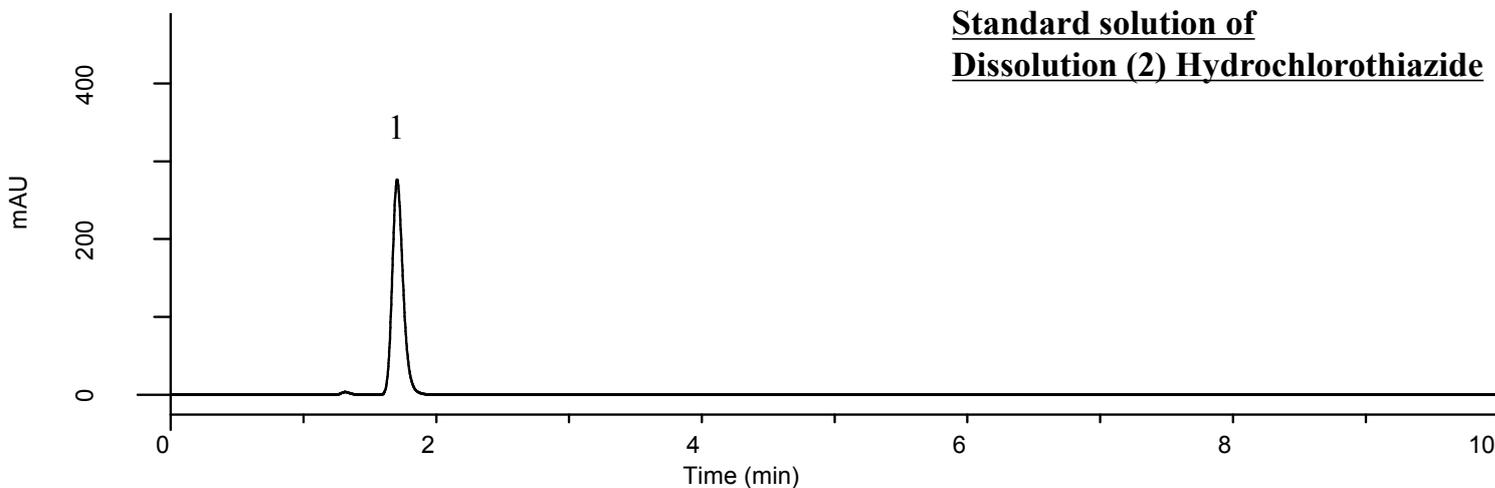
(Under the Condition of the draft for the Japanese Pharmacopoeia,
Telmisartan and Hydrochlorothiazide Tablets)

Data No. LB523-0812

**Standard solution of
Dissolution (1) Telmisartan**



**Standard solution of
Dissolution (2) 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. : 25 μL
Sample : Standard

Analyte:

1. Hydrochlorothiazide 14 mg/L
 2. Telmisartan 44 mg/L

Theoretical plates (2) : 104,347 (≥ 25,000)
 Symmetry factor (2) : 1.11 (≤ 2.0)
 RSD of the peak
 area of 2 (°)(n=6) : 0.19 (≤ 2.0)

Theoretical plates (1) : 2,175 (≥ 1,000)
 Symmetry factor (1) : 1.24 (≤ 2.0)
 RSD of the peak
 area of 1 (°)(n=6) : 0.05 (≤ 2.0)