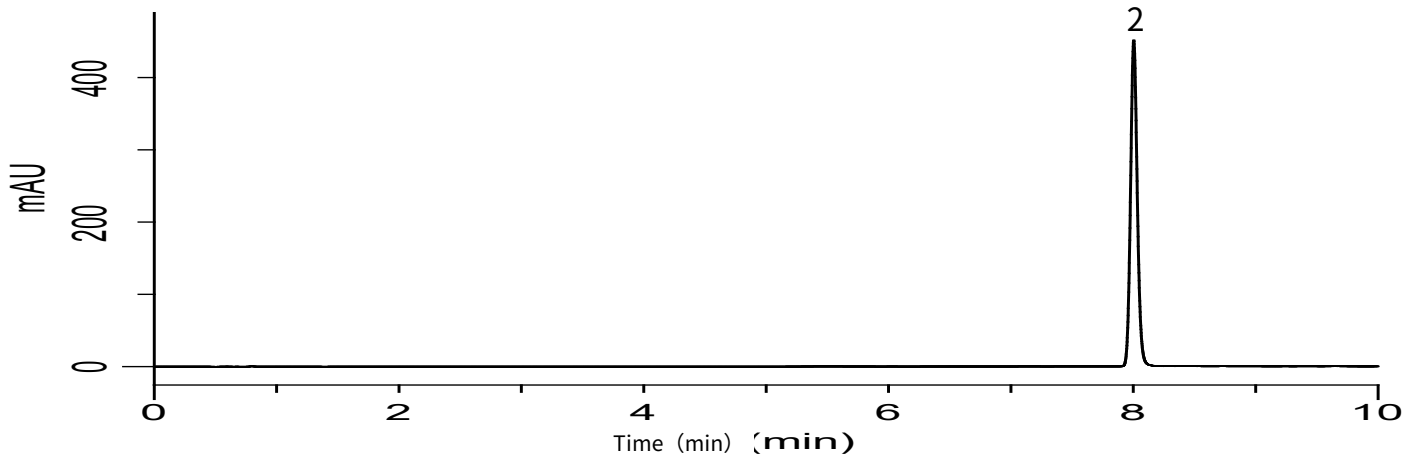


Analysis of Telmisartan and Hydrochlorothiazide

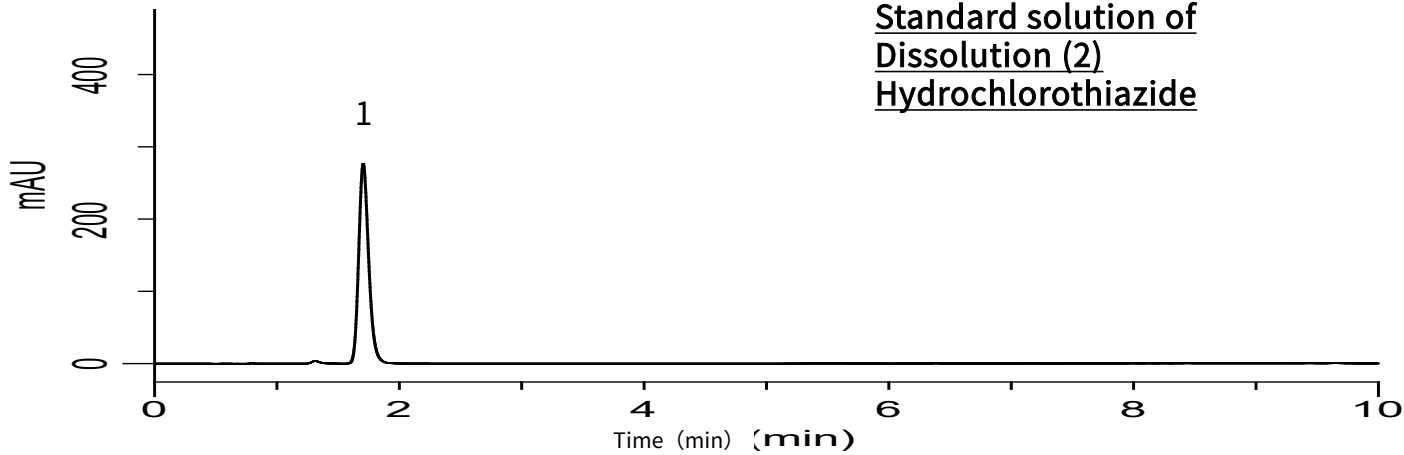
(Under the Condition of the draft for the Japanese Pharmacopoeia,
Telmisartan and Hydrochlorothiazide Tablets)

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)