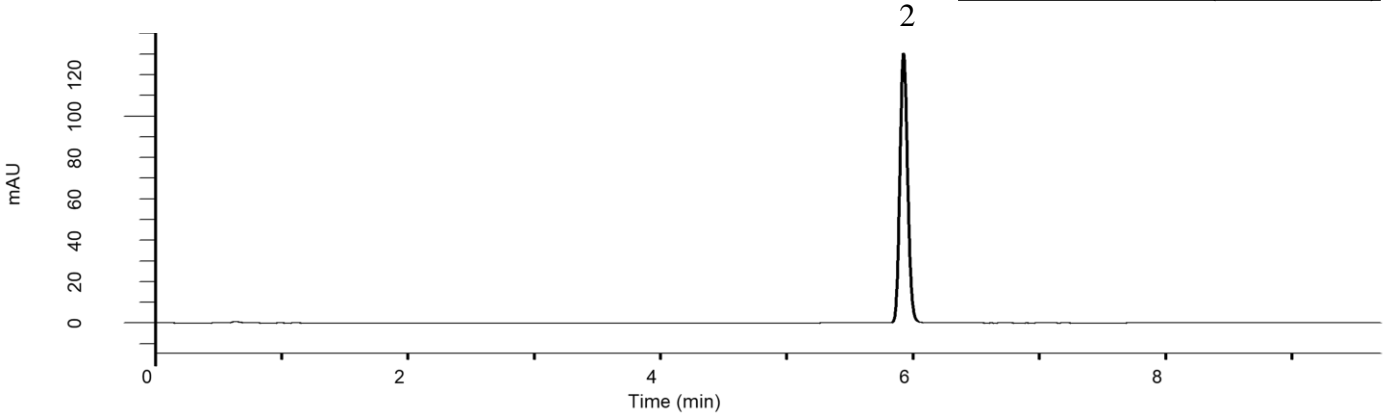


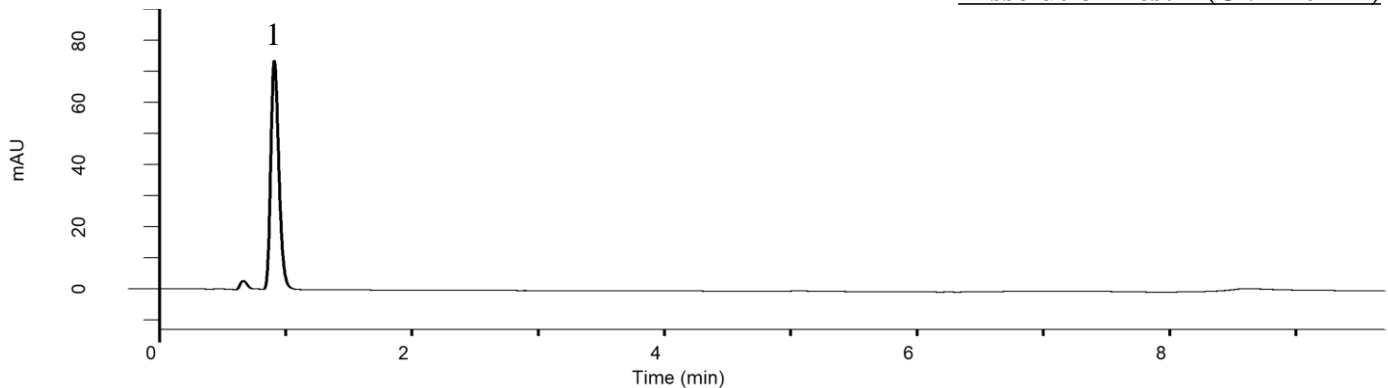
Analysis of Telmisartan and Hydrochlorothiazide

(Under the Condition of USP41-NF36, Telmisartan and Hydrochlorothiazide Tablets)

**Telmisartan standard solution of
Dissolution Test 1 (UV 298 nm)**



**Hydrochlorothiazide standard solution of
Dissolution Test 1 (UV 270 nm)**



Conditions

System : GL7700 HPLC system
Column : InertSustainSwift C8 (5 μm, 60 x 3.0 mm I.D.)
Column Cat. No. : 5020-
Eluent : A) CH₃CN
 B) 5 g/L NH₄H₂PO₄ (pH 3.0, H₃PO₄)

Analyte:

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

Symmetry factor (1) : 1.25 (< 2.5)
 Symmetry factor (2) : 1.14 (< 2.5)

RSD of the peak area of 1 (%) (n=6) : 0.83 (< 2.0)

RSD of the peak area of 2 (%) (n=6) : 0.11 (< 2.0)

Time(min)	A (vol%)	B (vol%)	Flow rate (mL/min)
0	15	85	0.6
1.50	15	85	0.6
1.51	60	40	0.6
5.00	60	40	0.6
5.01	80	20	1.0
6.20	80	20	1.0
6.21	15	85	0.6
9.70	15	85	0.6

Col. Temp. : 40 °C
Detection : UV 270 nm or 298 nm
Injection Vol. : 4 μL