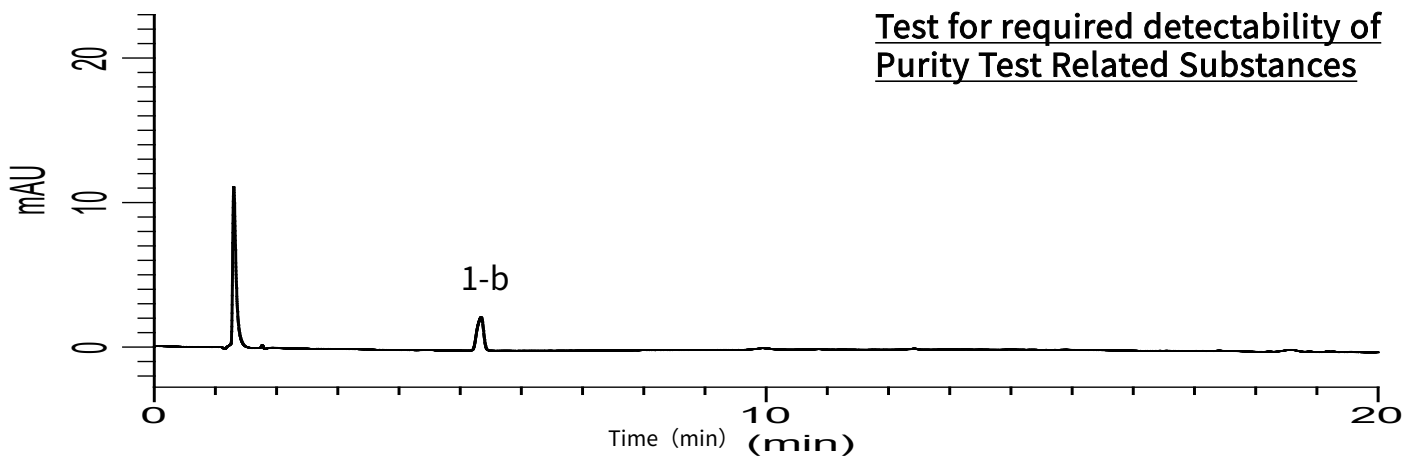
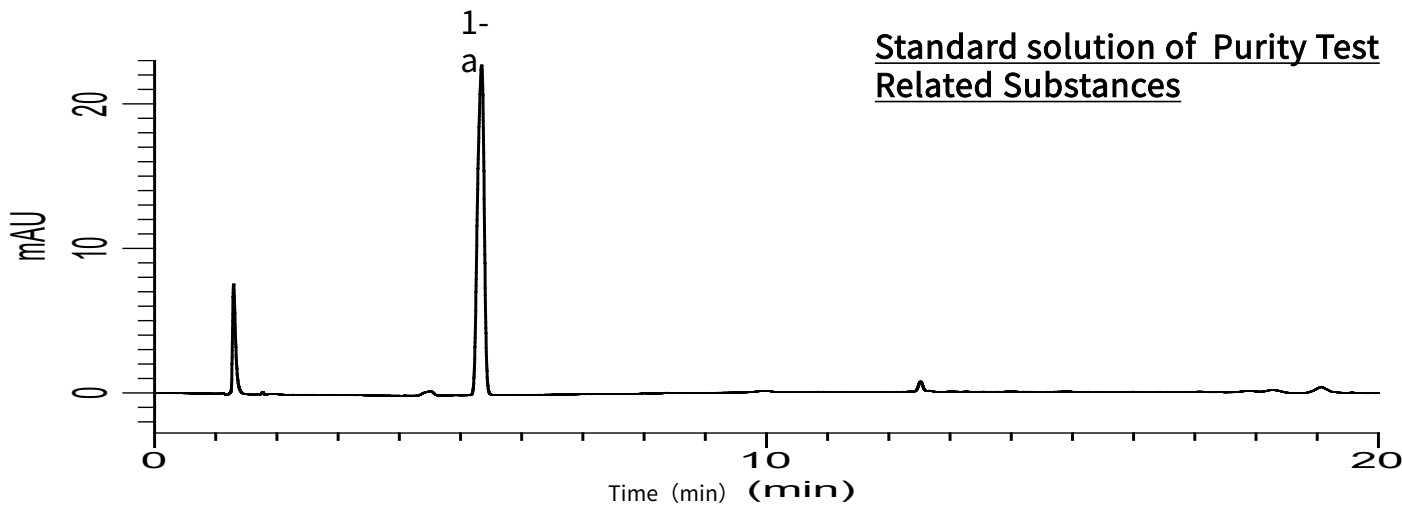


Analysis of Telmisartan and Hydrochlorothiazide

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

Data No. LB525-0812



Conditions

System : GL7700 HPLC system
Column : Inertsil C8-3 (3 μ m, 150 x 4.0 mm I.D.)
Column Cat. No. : 5020-04835
Eluent : A) CH₃CN
 B) 2 g/L NH₄H₂PO₄ (pH 3.5, H₃PO₄)

Time (min)	A (vol%)	B (vol%)
0	10	90
8	50	50
12	50	50
18	80	20
20	80	20

Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 270 nm (UV7750 UV Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Hydrochlorothiazide 2.5 mg/L (1-a) or 0.25 mg/L (1-b)

The peak area ratio of 1-b to 1-a (%) : (7 $\leq$) 9.80 ($\leq$ 13)

Theoretical plates (1-a) : 12,488 ($\geq$ 6,000)

Symmetry factor (1-a) : 0.85 ($\leq$ 2.0)

RSD of the peak area of 1-a (%) (n=6) : 0.23 ($\leq$ 2.0)