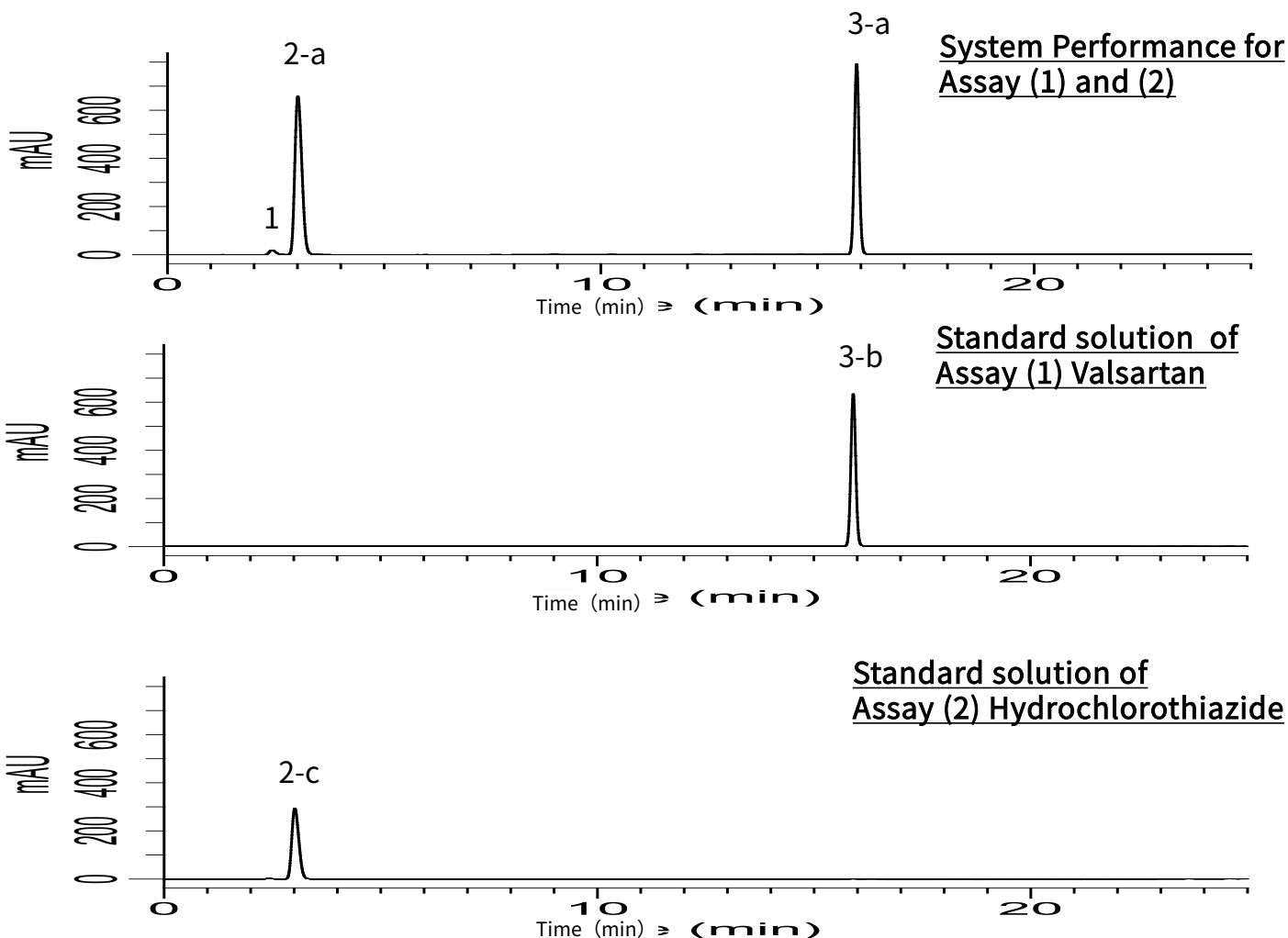


Analysis of Valsartan and Hydrochlorothiazide

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

Data No. LB520-0812



Conditions

System : GL7700 HPLC system
Column : InertSustain C18
 (5 μ m, 125 x 3.0 mm I.D.)
Column Cat. No. : 5020-07327
Eluent : A) H₂O/CH₃CN/TFA = 900/100/1, v/v/v
 B) H₂O/CH₃CN/TFA = 100/900/1, v/v/v
 A/B = 90/10 – (25 min) – 10/90, v/v
Flow rate : 0.6 mL/min
Col. Temp. : 25 °C
Detection : UV 271 nm (UV7750 UV Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. 4-Amino-6-chlorobenzene-1,3-disulfonamide	0.25 mg/L
2. Hydrochlorothiazide	62.5 mg/L (2-a) or 31.25 mg/L (2-c)
3. Valsartan	400 mg/L
Resolution (1, 2-a) :	2.10 ($\geq$ 1.5)
RSD of the peak area of 3-b (%) (n=6)	: 0.18 ($\leq$ 1.0)
RSD of the peak area of 2-c (%) (n=6)	: 0.11 ($\leq$ 1.0)