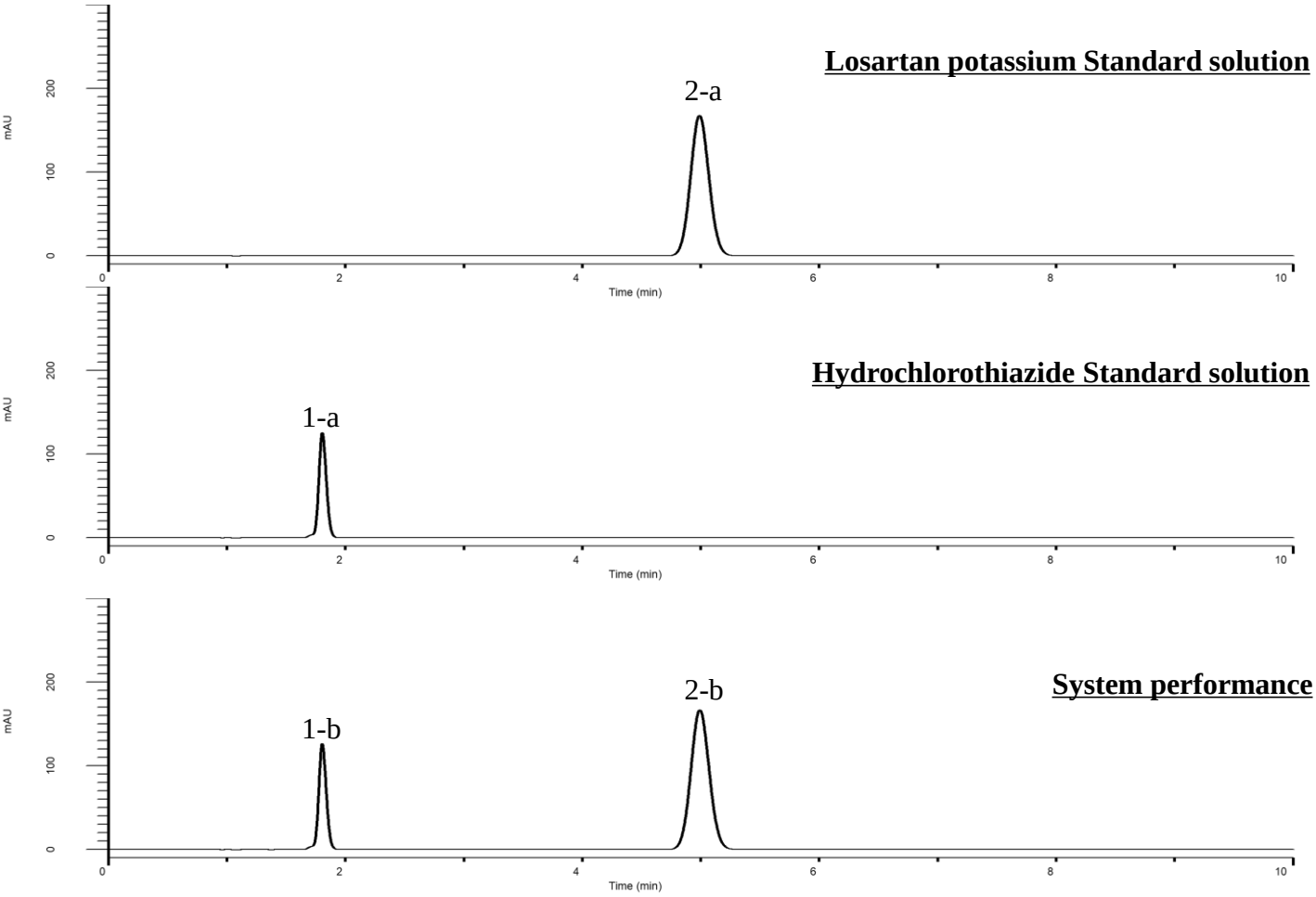
# Analysis of Losartan potassium and Hydrochlorothiazide

**(Under the Condition of the Japanese Pharmacopoeia, Losartan potassium and Hydrochlorothiazide Tablets)**




## Conditions

| | | |
|---|---|---|
| **System** | : | GL7700 HPLC system |
| **Column** | : | Inertsil C8-3 (10 μm, 250 x 4.6 mm I.D.) |
| **Column Cat. No.** | : | 5020-01642 |
| **Eluent** | : | A) $CH_3CN$<br>B) 10mM $KH_2PO_4$ (pH 2.5, $H_3PO_4$)<br>A/B = 40/60, v/v |
| **Flow rate** | : | 2.25 mL/min |
| **Col. Temp.** | : | 35 ℃ |
| **Detection** | : | UV 230 nm (UV7750 UV Detecor) |
| **Injection Vol.** | : | 20 μL |
| **Sample** | : | Standard |

**Analyte:**

| | |
|---|---|
| 1. Hydrochlorothiazide | 14 mg/L |
| 2. Losartan potassium | 55 mg/L |

Resolution (1-b, 2-b) : 15.7 (≧ 10)
RSD of the peak area of 1-a (%)(n=6) : 0.02 (≦ 1.0)
RSD of the peak area of 2-a (%)(n=6) : 0.04 (≦ 1.0)