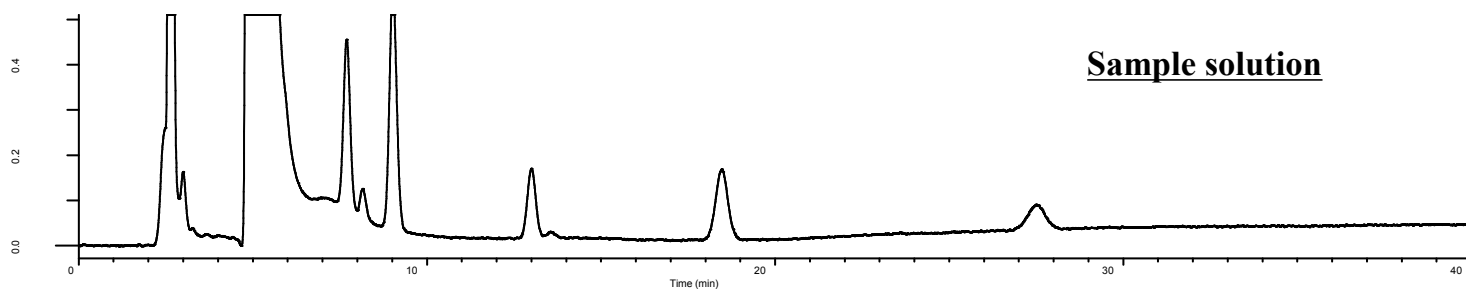
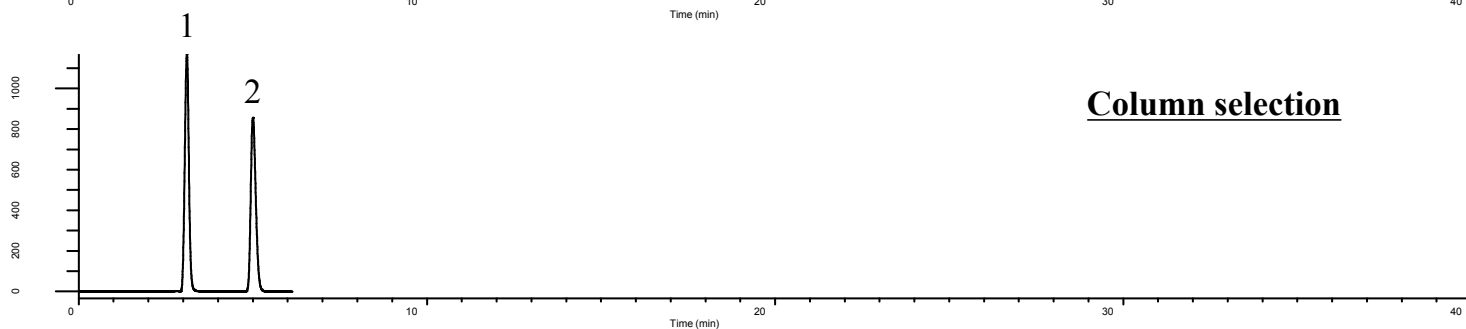
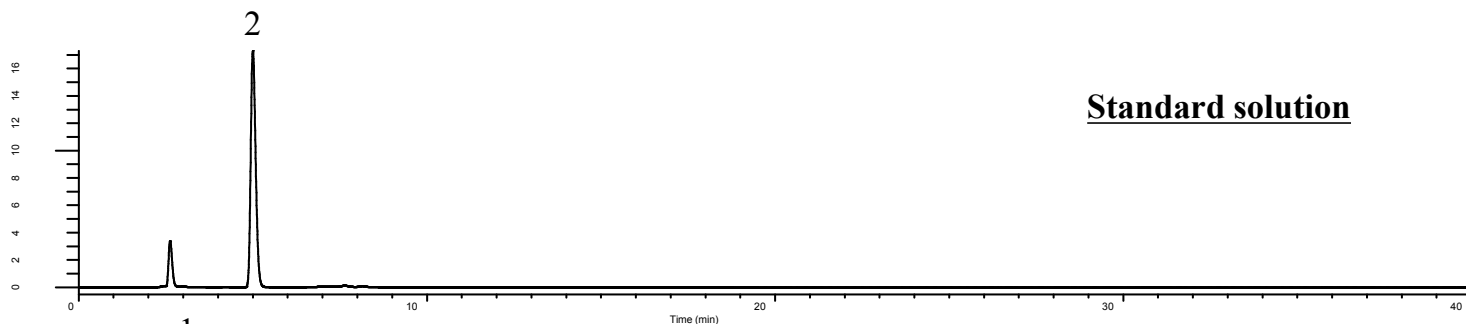


### Analysis of Acetaminophen

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB420-0952



#### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustainSwift C18  
(5  $\mu$  m, 150 x 4.0 mm I.D.)  
**Column Cat. No.** : 5020-88019  
**Eluent** : A) CH<sub>3</sub>OH  
B) 50 mM KH<sub>2</sub>PO<sub>4</sub> in H<sub>2</sub>O  
(pH 4.7, 0.1 mol/L NaOH in H<sub>2</sub>O )  
A/B = 1/4, v/v  
**Flow Rate** : 0.57 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 225 nm (UV7750 UV-VIS Detector)  
**Injection Vol.** : 10  $\mu$  L

#### Analyte:

1. *p*-Aminophenol  
2. Acetaminophen

Resolution (1, 2) : 8.2 ( $\geq$  7.0)