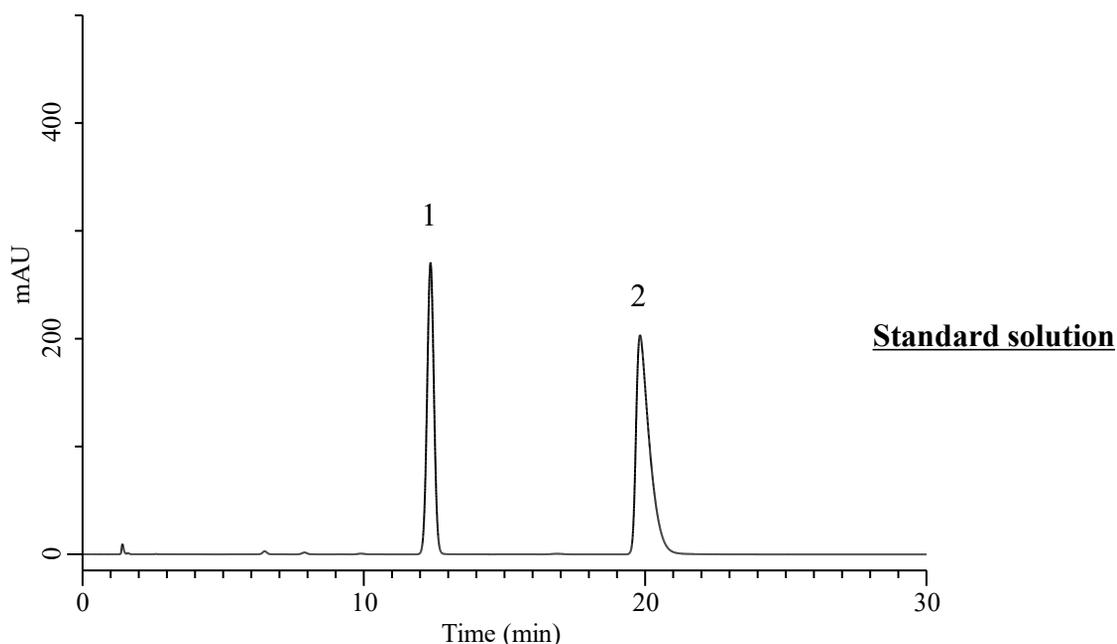


## Analysis of Solifenacin succinate

(Under the Condition of draft for the Japanese Pharmacopoeia , Solifenacin Succinate, ASSAY)



### Conditions

**System** : Primaide (HITACHI)  
**Column** : InertSustain AQ-C18 (GL Sciences Inc.)  
 (5  $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-89730  
**Eluent** : CH<sub>3</sub>CN/Buffer\*=30/70 , v/v  
**Flow Rate** : 0.95 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 210 nm (Primaide 1410 UV)  
**Injection Vol.** : 10  $\mu$ L  
**Sample** : Standard in Eluent

### Analyte:

1. Ethyl *p*-Hydroxybenzoate 0.1 mg/mL  
 2. Solifenacin succinate 0.2 mg/mL

Resolution : 11.59 ( $\geq 10$ )

RSD of the peak area ratio of 2 to 1 (%) (n=6) : 0.09 ( $\leq 1.0$ )

\* : Dissolve 8.7 g of dipotassium hydrogenphosphate in water to make 1000mL, and adjust to pH 6.0 with phosphoric acid.