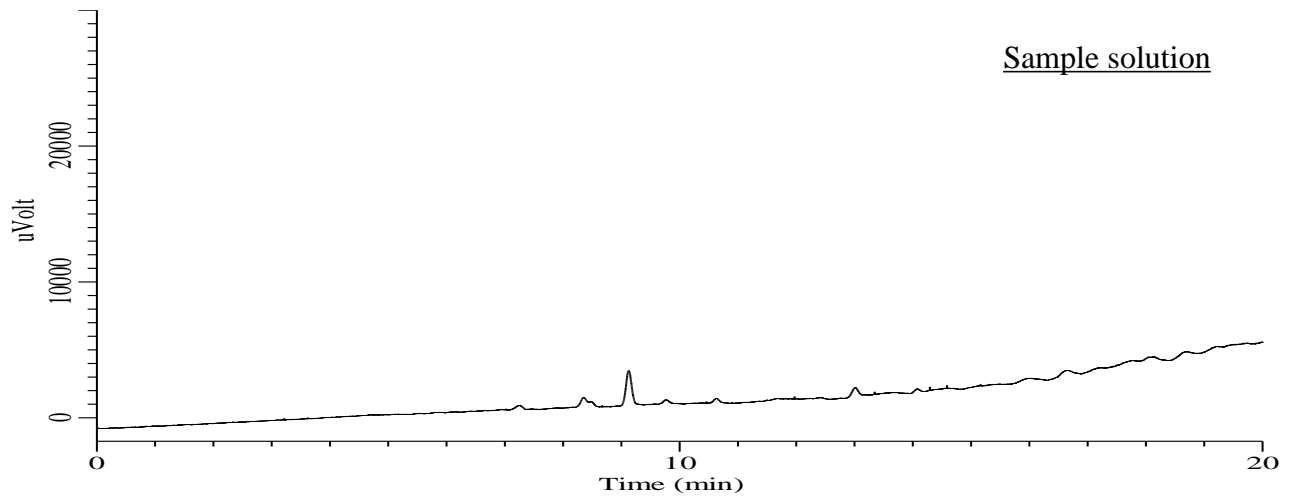
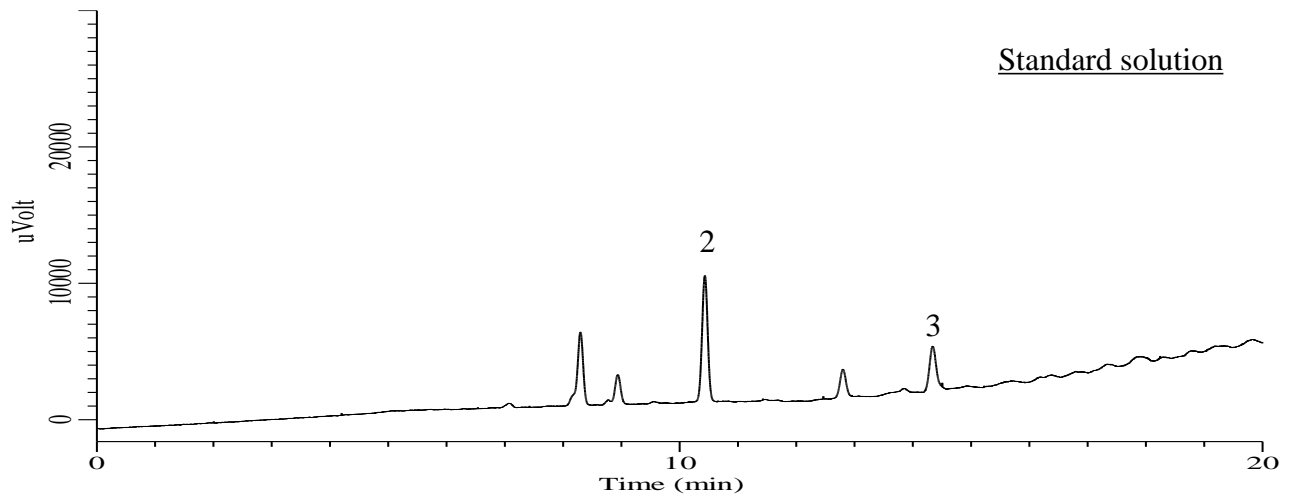
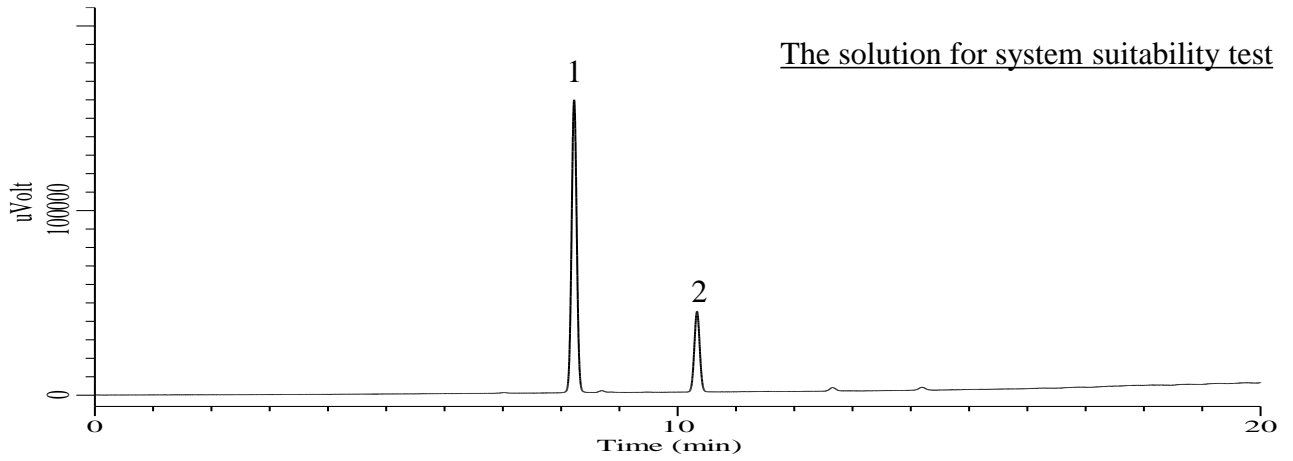


# Polysorbate 80

(Under the Condition of the Japanese Pharmacopoeia 16)



## Polysorbate 80

(Under the Condition of the Japanese Pharmacopoeia 16)

### Conditions

**System** : GC-FID Headspace Gas (HT-3)  
**Column** : InertCap 5  
0.53 mm I.D. x 50 m df = 5  $\mu$ m  
**Col. Cat. No.** : 1010-18459  
**Col. Temp.** : 70 °C - 10 °C/min - 250°C (5 min)  
**Carrier Gas** : He 30 kPa  
**Injection** : Split 1:3.5  
85 °C  
**Injection Vol.** : Headspace Gas 1 mL  
**Detection** : FID Range 10<sup>0</sup>  
250 °C  
**Sample** : Standard  
Sample heating Temp. 80 °C  
Sample heating time 30 min  
**Headspace Vial** : 9.0 mL

### Analyte

1. Acetaldehyde  
2. Ethylene oxide  
3. 1,4-Dioxane

Resolution (1, 2) : 12.77 ( $\geq$  2.0)