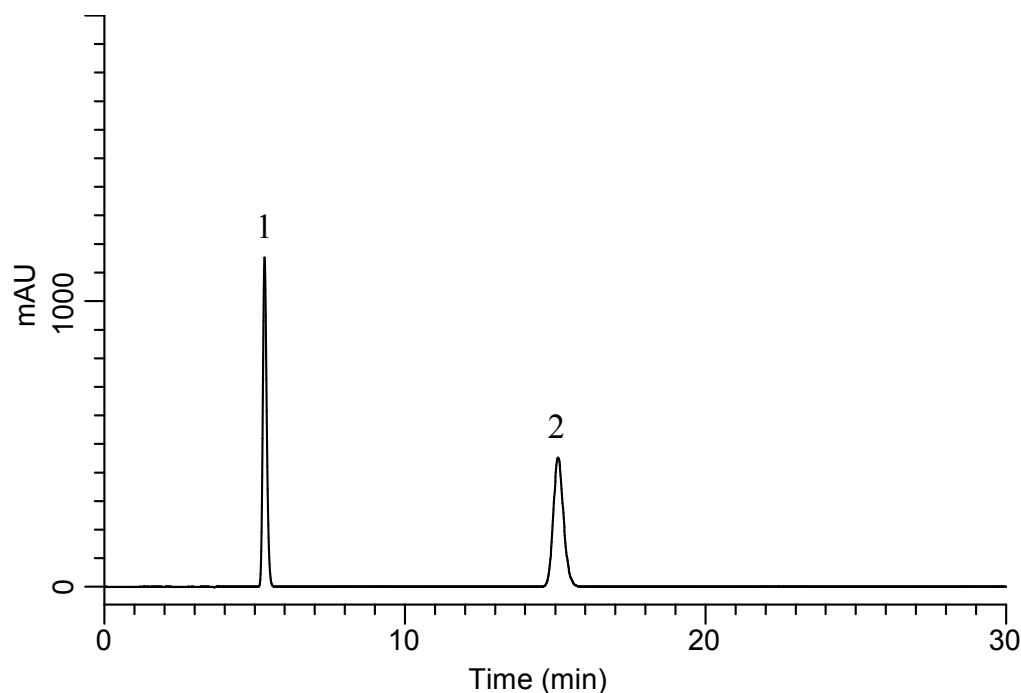


### Analysis of Diflorason Diacetate

(Under the Condition of the Japanese Pharmacopoeia 17th edition)

Data No. LB426-0894



#### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustain C18  
(5  $\mu$  m, 150 x 6.0 mm I.D.)  
**Column Cat. No.** : 5020-07355  
**Eluent** : A) CH<sub>3</sub>CN  
B) THF  
C) Buffer\*  
A/B/C = 40/10/55, v/v/v  
**Flow Rate** : 1.1 mL/min  
**Col. Temp.** : 25 °C  
**Detection** : UV 254 nm (PD7752 PDA Detector)  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard

\*Dissolve 6.8 g of monobasic potassium phosphate in 1000 mL of water, Adjust to pH 4.0 with diluted phosphoric acid (1→200).

#### Analyte:

1. *p*-Hydroxybenzoic acid methyl ester 200 mg/L  
2. Diflorason diacetate 1000 mg/L

Resolution (1, 2) : 22.9 ( $\geq 9$ )  
RSD of the peak  
area ratio of  
2 to 1 (n=6) : 0.05 ( $\leq 1.0$ )