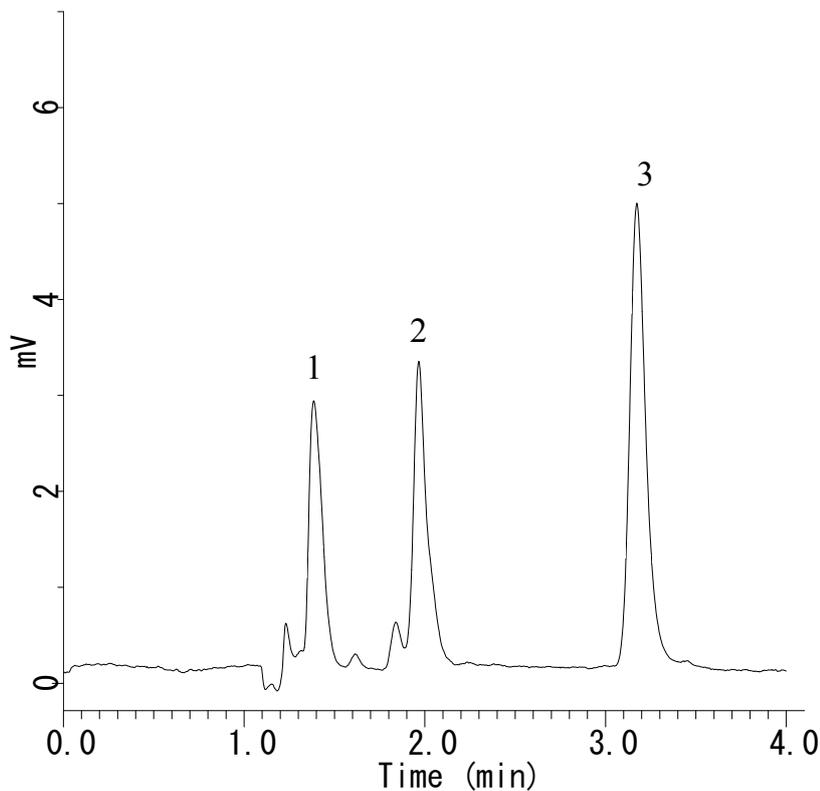


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Rivoflavins

Data No. LA979-811



### Conditions

**System** : LC800 HPLC system  
+ LIF 727

**Column** : Inertsil ODS-4 HP (3µm, 150 x 2.1 mm I.D.)

**Column Cat. No.** : 5020- 14002

**Eluent** : A) CH<sub>3</sub>OH  
B) 20 mM NaH<sub>2</sub>PO<sub>4</sub> (pH 5.5, 0.1N NaOH)  
A/B = 35/65, v/v(premix)

**Flow Rate** : 0.3 mL/min

**Col. Temp.** : 40 °C

**Detection** : LIF727 (Ex 473 nm Em 500-600 nm)

**Injection Vol.** : 5 µL

**Sample** : Standard

### Analyte :

1. Flavinadenine dinucleotide (FAD) (10 µg/L)  
2. Riboflavin 5'-Monophosphate(FMN) (2.5 µg/L)  
3. Riboflavin (RF) (2.5 µg/L)