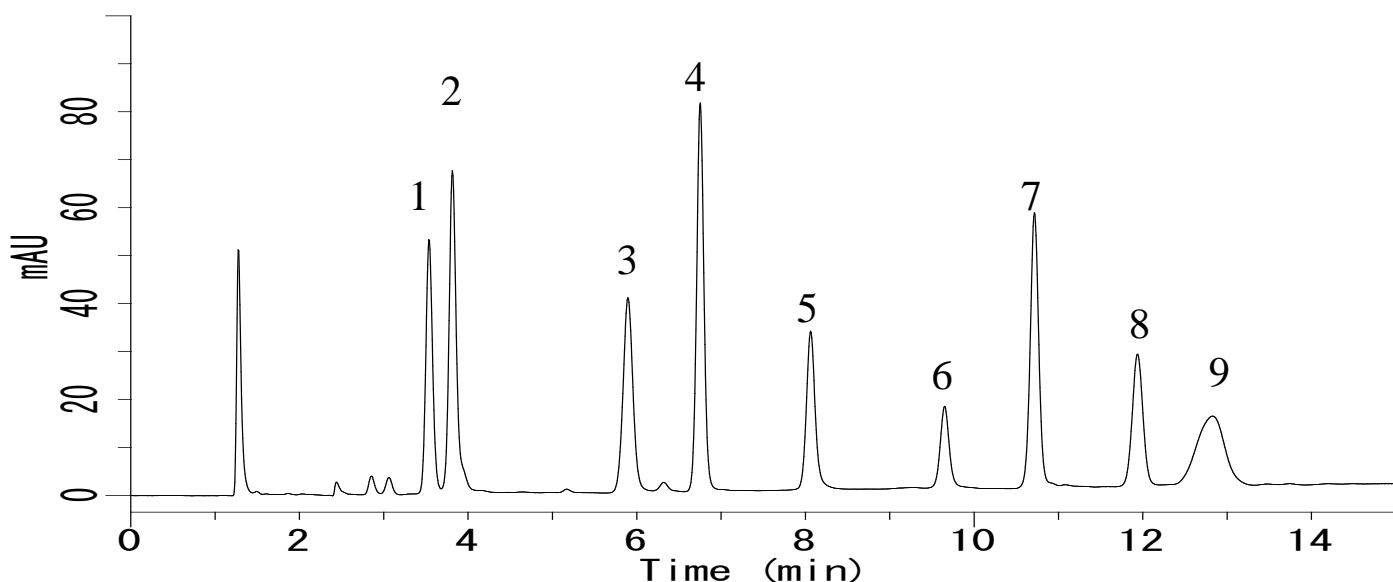


## Analysis of Vitamin B



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil ODS-3 (5 $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-01731  
**Eluent** : A) CH<sub>3</sub>CN  
           B) 0.2 % H<sub>3</sub>PO<sub>4</sub>, 5 mM IPCC-06  
           (IPCC-06: Sodium 1 - Hexanesulfonate)  
           A/B = 5/95 -15min - 20/80, v/v  
**Flow rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 210 nm (GL-7450 UV Detector)  
**Injection Vol.** : 20  $\mu$ L  
**Sample** : Vitamin B

### Analyte:

1. Nicotinic acid	(5 $\mu$ g/mL)
2. Nicotinamide	(5 $\mu$ g/mL)
3. Pyridoxal	(5 $\mu$ g/mL)
4. Pyridoxine	(5 $\mu$ g/mL)
5. Pyridoxamine	(5 $\mu$ g/mL)
6. Thiamine	(5 $\mu$ g/mL)
7. Folic acid	(5 $\mu$ g/mL)
8. Riboflavin	(5 $\mu$ g/mL)
9. Cyanocobalamin	(5 $\mu$ g/mL)