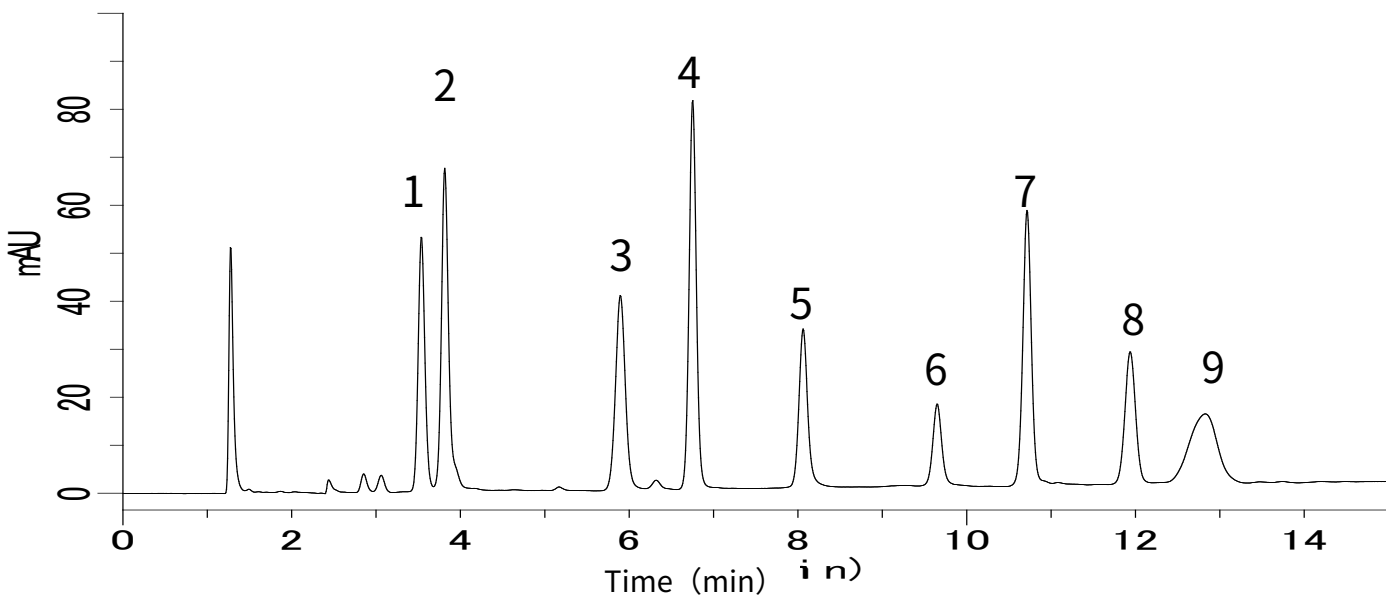


InertSearch™ for LC

Inertsil® Applications

Analysis of Vitamin B

Data No. LA629-0696



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-3 (5μm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-01731
Eluent : A) CH₃CN
B) 0.2 % H₃PO₄, 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 μL
Sample : Vitamin B

Analyte:

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