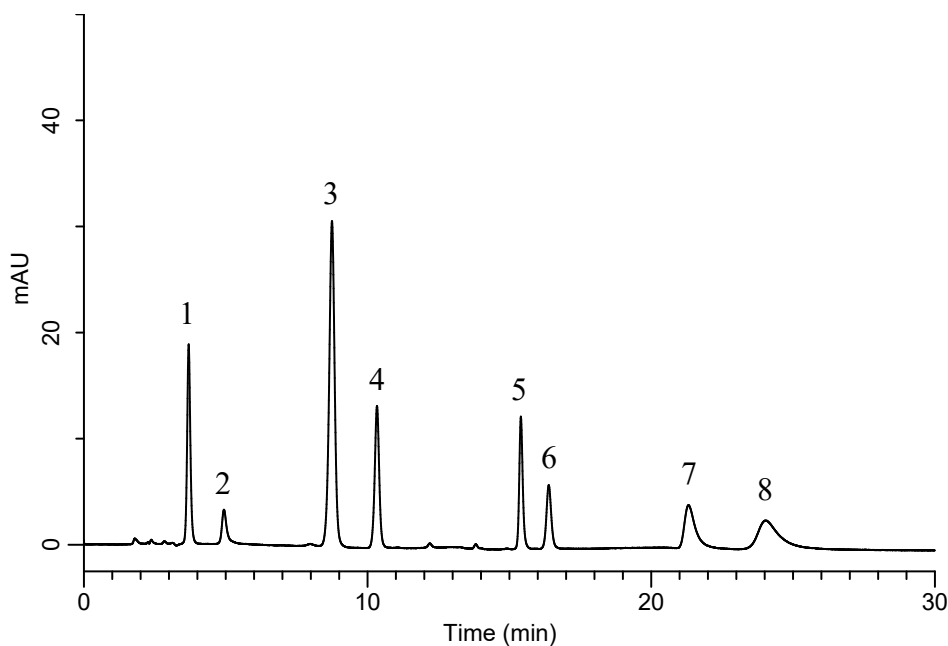


InertSearch™ for LC

Inertsil® Applications

Analysis of Water-soluble Vitamins (Inertsil Amide)

Data No. LA999-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil Amide (5 μ m, 150 x 3.0 mm I.D.)
Column Cat. No. : 5020-07815
Eluent : A) CH₃CN
B) 20 mM HCOONH₄
A/B = 90/10 – 15 min – 50/50 – 30 min – 50/50, v/v
Flow rate : 0.4 mL/min
Col. Temp. : 40 °C
Detection : UV 254 nm (GL-7452A PDA Detecor)
Injection Vol. : 5 μ L

Analyte:

1. Nicotinamide	10 mg/L
2. Pyridoxine	10 mg/L
3. Riboflavin	10 mg/L
4. Nicotinic acid	10 mg/L
5. Folic acid	10 mg/L
6. Cyanocobalamin	10 mg/L
7. Pyridoxamine	10 mg/L
8. Thiamine	10 mg/L