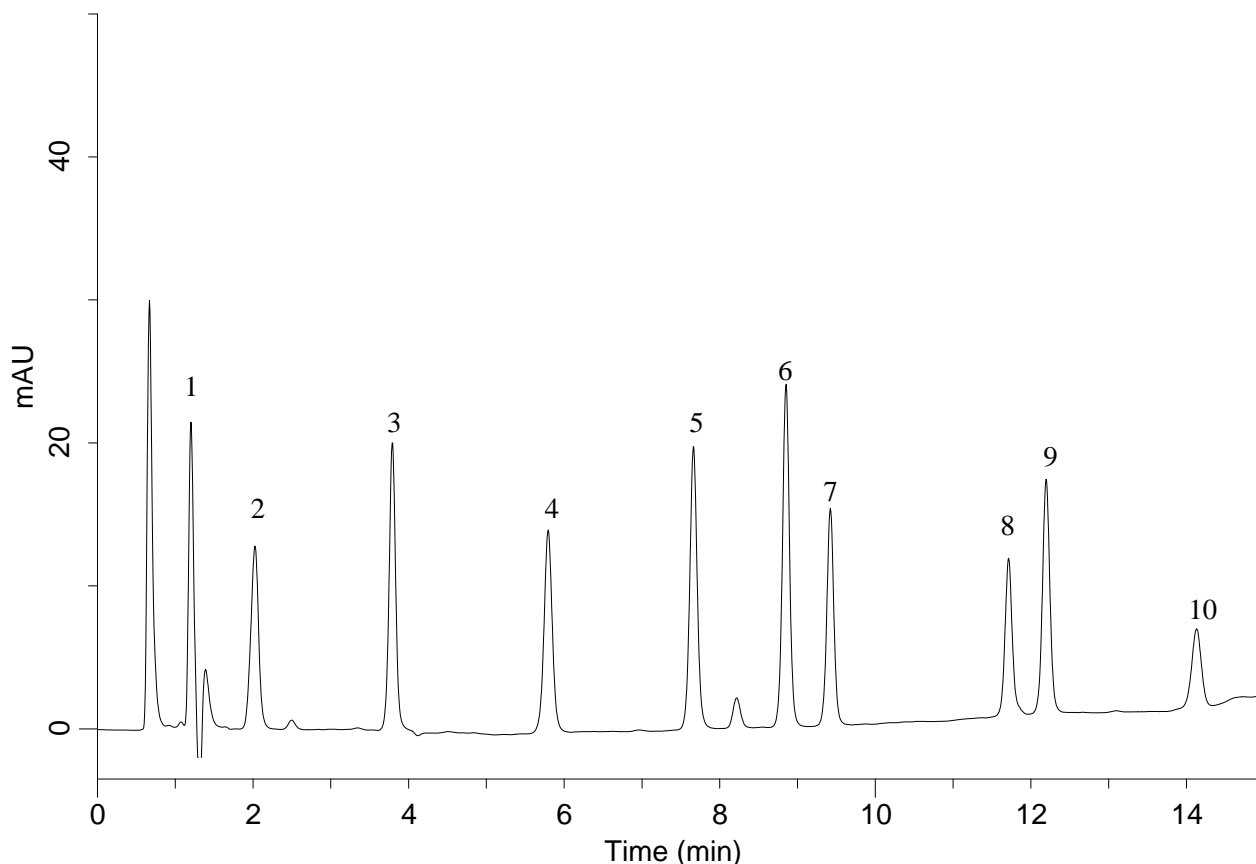


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Water-soluble Vitamins (InertSustain C18)

Data No. LA907-0811

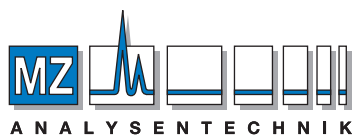


### Conditions

**System** : GL-7400 HPLC system  
**Column** : InertSustain C18 (3  $\mu$  m, 100 x 3.0 mm I.D.)  
**Column Cat. No.** : 5020-07424  
**Eluent** : A) CH<sub>3</sub>CN  
B) 10 mM KH<sub>2</sub>PO<sub>4</sub> (pH2.5, H<sub>3</sub>PO<sub>4</sub>) + 5mM IPCC-06  
A/B = 2/98 - 8 min - 12/88 - 5 min - 12/88, v/v  
**Flow rate** : 0.6 mL/min  
**Col. Temp.** : 30 °C  
**Detection** : UV 210 nm (GL-7452A PDA Detector)  
**Injection Vol.** : 2  $\mu$  L  
**Sample** : Water-soluble Vitamins

### Analyte:

1. Ascorbic acid	100 mg/L
2. Nicotinic acid	10 mg/L
3. Nicotinamide	10 mg/L
4. Pantothenic acid	100 mg/L
5. Pyridoxal	10 mg/L
6. Pyridoxine	10 mg/L
7. Pyridoxamine	10 mg/L
8. Thiamine	10 mg/L
9. Folic acid	10 mg/L
10. Riboflavin	10 mg/L



### AUTHORIZED DISTRIBUTOR

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