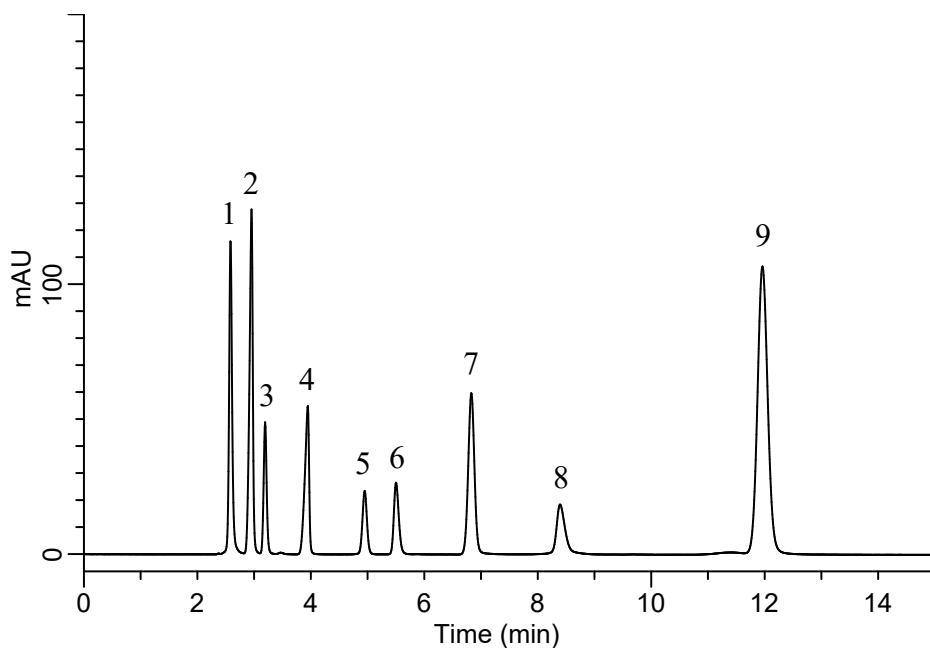


InertSearch™ for LC

Inertsil® Applications

Analysis of Organic acids (InertSustain C18)

Data No. LA894-0894



Conditions

System : GL-7400 HPLC system
Column : InertSustain C18 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : 10 mM NH₄H₂PO₄ (pH 2.6, H₃PO₄)
Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 210 nm (GL-7452A PDA Detector)
Injection Vol. : 10 μ L

Analyte:

| | | |
|----|---------------|-----------|
| 1. | Oxalic acid | 100 mg/L |
| 2. | Tartaric acid | 1000 mg/L |
| 3. | Glycolic acid | 1000 mg/L |
| 4. | Malonic acid | 1000 mg/L |
| 5. | Lactic acid | 1000 mg/L |
| 6. | Acetic acid | 1000 mg/L |
| 7. | Fumaric acid | 10 mg/L |
| 8. | Succinic acid | 1000 mg/L |
| 9. | Acrylic acid | 100 mg/L |