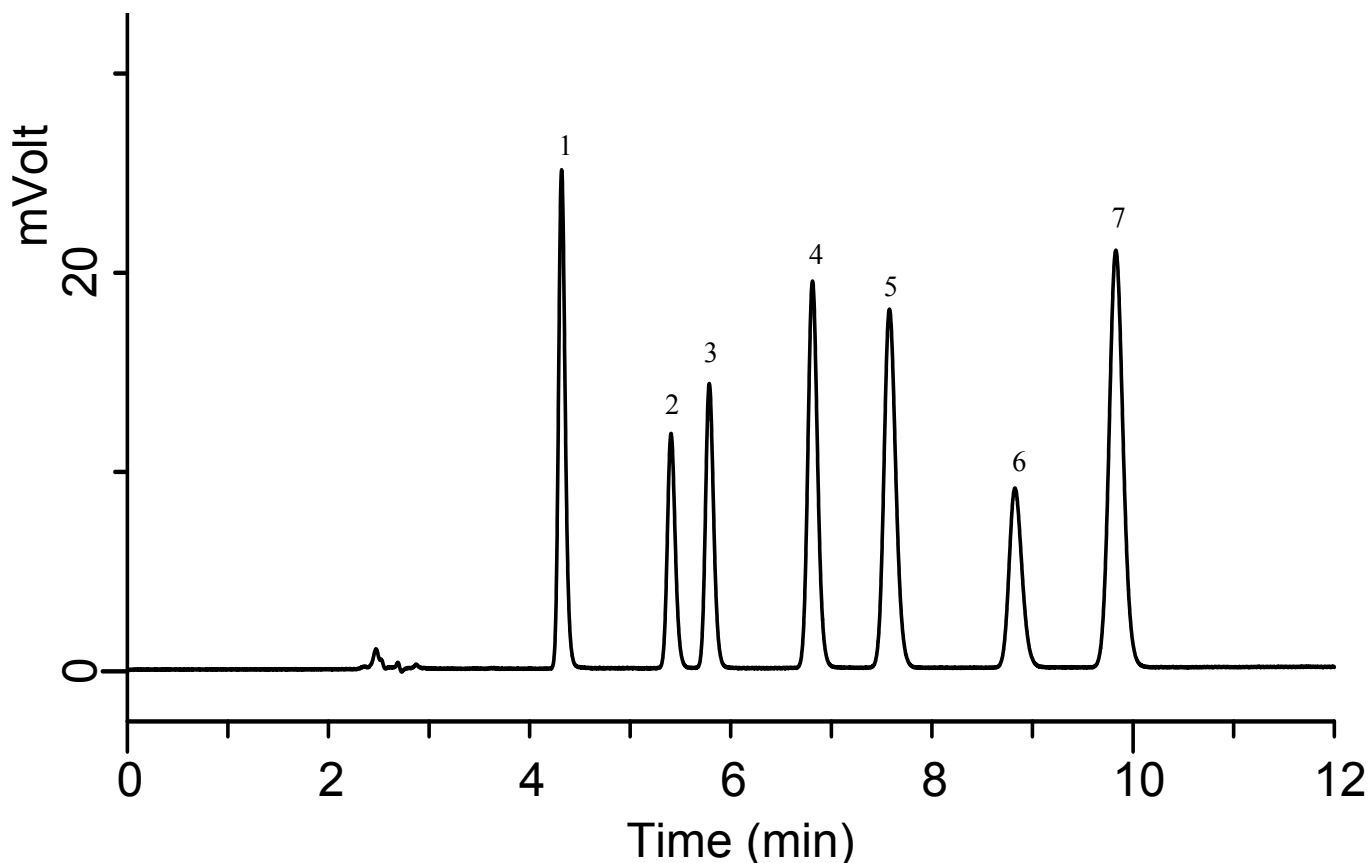


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Organic acids

Data No. LA850-0735

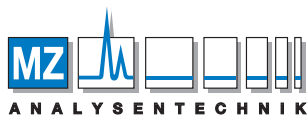


### Conditions

**System** : LC800 HPLC system  
**Column** : Inertsil ODS-4 (5  $\mu$  m, 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-03946  
**Eluent** : 20 mM  $\text{NH}_4\text{HPO}_4$  (pH 2.0,  $\text{H}_3\text{PO}_4$ )  
**Flow Rate** : 1 mL/min  
**Col. Temp.** : UV 210 nm (LC800 UV Detector, 10 mm UV cell)  
**Detection** : 40 °C  
**Injection Vol.** : 5  $\mu$ L  
**Sample** : Organic acids

**Analyte:**

|                  |            |
|------------------|------------|
| 1. Malic acid    | (500 mg/L) |
| 2. Lactic acid   | (500 mg/L) |
| 3. Acetic acid   | (500 mg/L) |
| 4. Maleic acid   | (5 mg/L)   |
| 5. Citric acid   | (500 mg/L) |
| 6. Succinic acid | (500 mg/L) |
| 7. Fumaric acid  | (5 mg/L)   |



#### AUTHORIZED DISTRIBUTOR

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