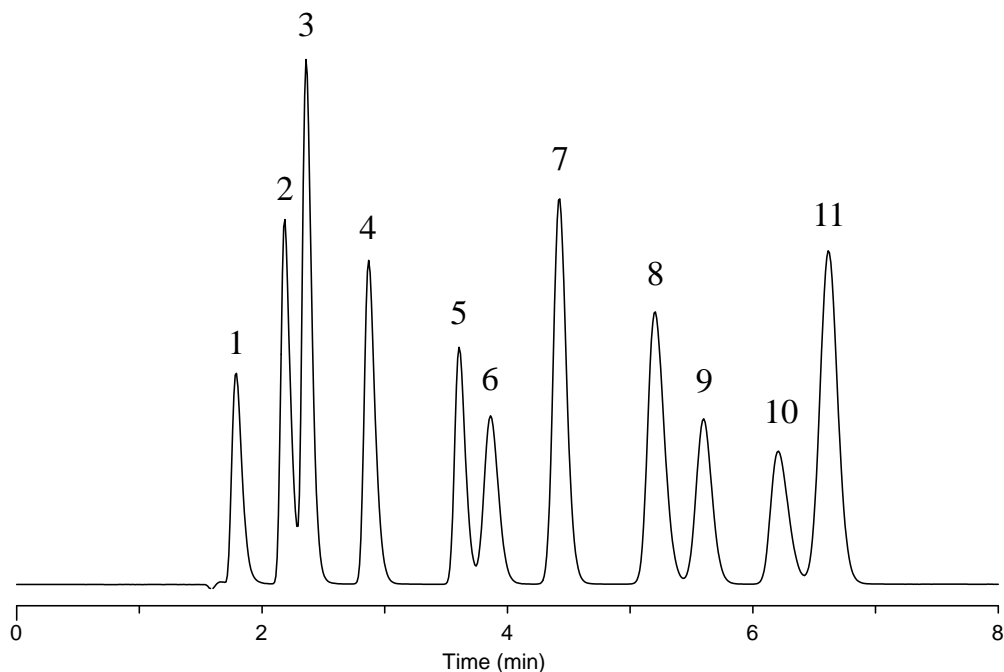


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Organic acid

Data No. LB363-0848

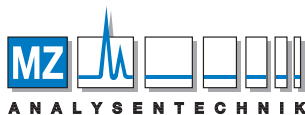


### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustain AQ-C18  
(5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-89730  
**Eluent** : 50 mM NaH<sub>2</sub>PO<sub>4</sub> in H<sub>2</sub>O (pH 2.1, H<sub>3</sub>PO<sub>4</sub>)  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 210 nm (PD7752 PDA Detector)  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Oxalic acid	50 mg/L
2. Tartaric acid	500 mg/L
3. Formic acid	1000 mg/L
4. Malic acid	1000 mg/L
5. Lactic acid	1000 mg/L
6. Acetic acid	1000 mg/L
7. Maleic acid	10 mg/L
8. Citric acid	1000 mg/L
9. Pyroglutamic acid	100 mg/L
10. Succinic acid	1000 mg/L
11. Fumaric acid	10 mg/L



#### AUTHORIZED DISTRIBUTOR

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