

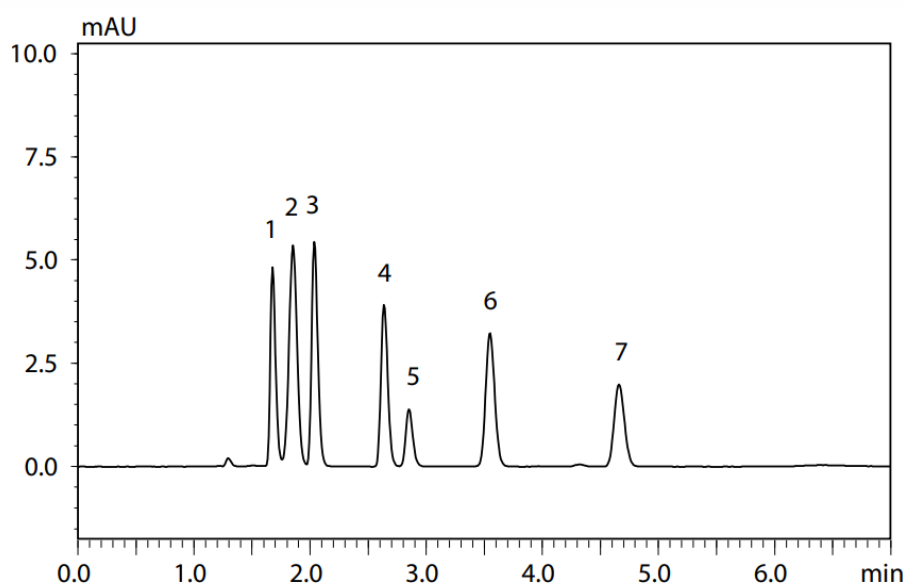
CoreFocus
Report
No.165A

LC Reversed-phase Shim-pack Series

Shim-pack™ GIST C18-AQ

Analysis of Organic acids by UV method

Keywords: highly polar compounds



- | | |
|------------------|------------|
| 1. Formic acid | (100 mg/L) |
| 2. Pyruvic acid | (10 mg/L) |
| 3. Malic acid | (100 mg/L) |
| 4. Lactic acid | (100 mg/L) |
| 5. Acetic acid | (100 mg/L) |
| 6. Citric acid | (100 mg/L) |
| 7. Succinic acid | (100 mg/L) |

| | |
|----------------|---|
| System | : Nexera™ Series |
| Column | : Shim-pack GIST C18-AQ HP (250 mm × 3.0 mm I.D., 3 μm), P/N : 227-30766-06 |
| Mobile phase | : 10 mmol/L (Sodium) phosphate buffer (pH 2.6) |
| Flow rate | : 1.0 mL/min |
| Column temp. | : 40 °C |
| Injection vol. | : 4 μL |
| Vial | : 1.5 mL, IC, Polypropylene (manufactured by Shimadzu GLC Ltd.), P/N : GLC-IVS-100 |
| Detection | : UV 210 nm |

Source : Application News L578 ([JP](#), [ENG](#))

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