

**CoreFocus**  
**Report**  
**No.165A**

LC

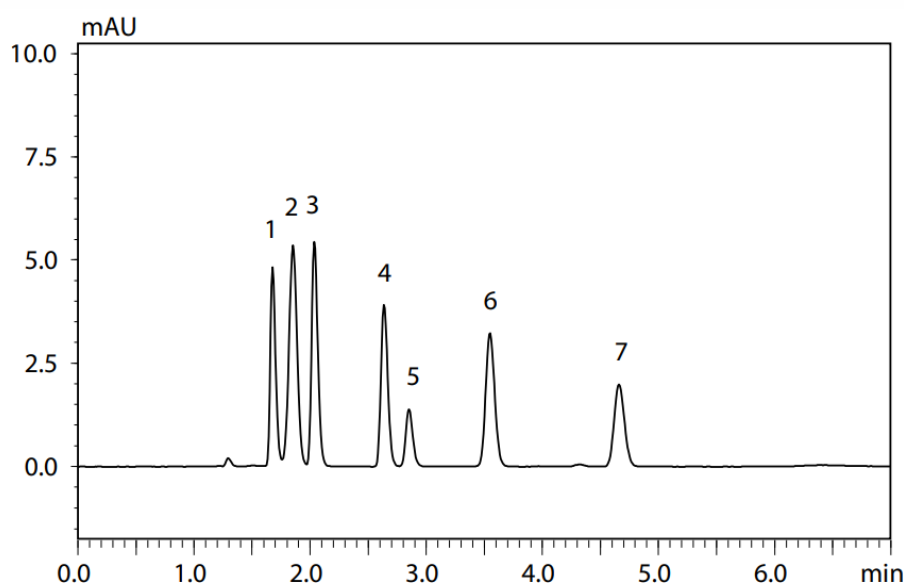
Reversed-phase

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<br>(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<br>(manufactured by Shimadzu GLC Ltd.), P/N : GLC-IVS-100 |
| Detection      | : UV 210 nm   |

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

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# Related Products

Some products may be updated to newer models.

HPLC Column Solutions – Reversed phase and Normal phase –

Shim-pack

> Shim-pack GIST Series

HPLC Column Solutions

# Related Solutions

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