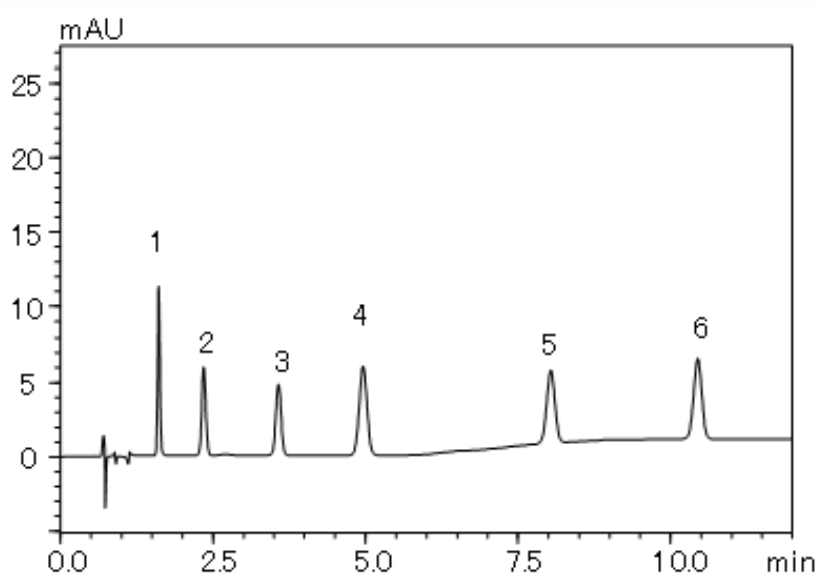


CoreFocus
Report
No.152A

LC Reversed-phase Shim-pack Series

Shim-pack™ GIST C18-AQ
Analysis of ATP-Related Compounds,
Histamine and Amino Acids.

Keywords: adenosine triphosphate, ATP



- ATP-related compounds
- 1. Hypoxanthine (Hx)
- 2. Inosine 5'-monophosphate (IMP)
- 3. Inosine (HxR)
- 4. Adenosine 5'-monophosphate (AMP)
- 5. Adenosine 5'-diphosphate (ADP)
- 6. Adenosine 5'-triphosphate (ATP)

| | |
|------------------|--|
| System | : Nexera™ dual injection system |
| Column | : Shim-pack GIST C18-AQ (100 mm L x 3.0 mm I.D., 3 μm), P/N : 227-30722-05 |
| Flow rate | : 0.8 mL/min |
| Mobile phase | : A) Water/Acetonitrile=100/1 (v/v) containing 0.15 mol/L Phosphoric acid, 0.225 mol/L Triethylamine B) Water/Acetonitrile=80/20 (v/v) containing 0.15 mol/L Phosphoric acid, 0.225 mol/L Triethylamine |
| Time program | : 0%B (0-4 min)→12%B (11.5 min)→100%B (11.51-18.5 min)→0%B (18.51-32 min) |
| Column temp. | : 30 °C |
| Injection volume | : 10 μL |
| Detection | : PDA 260 nm |

Source : Application News L554A ([JP](#), [ENG](#))

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