

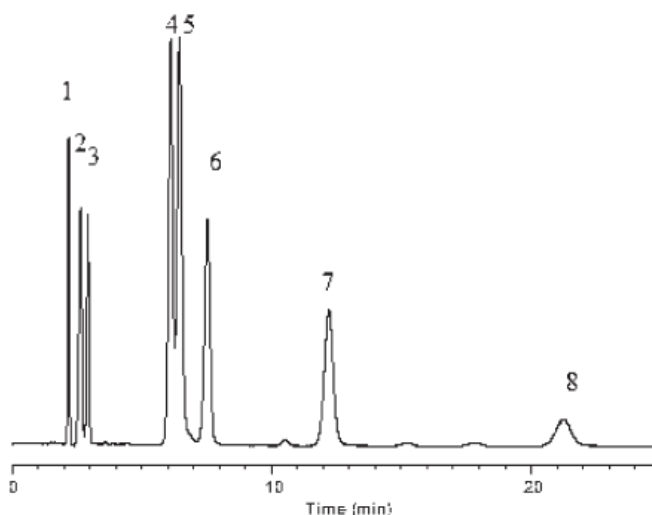
CoreFocus
Report
No.247

LC Hydrophilic Interaction (HILIC) Shim-pack Series

Shim-pack™ GIST Amide

Analysis of Purine Bases

Keywords: purine alkaloids



1. Caffeine
2. Theophylline
3. Theobromine
4. Hypoxanthine
5. Adenine
6. Xanthine
7. Guanine
8. Uric acid
(100 mg/L each)

Column	: Shim-pack GIST Amide (150 mm x 2.1 mm I.D., 5 μm), P/N : 227-30824-06
Mobile phase	: A) Acetonitrile B) 50 mmol/L Ammonium formate in water C) Formic acid A/B/C = 90/10/0.1 (v/v/v)
Flow rate	: 0.2 mL/min
Column temp.	: 40 °C
Detection	: UV 254 nm
Injection vol.	: 0.5 μL

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