

CoreFocus
Report
No.223

LC

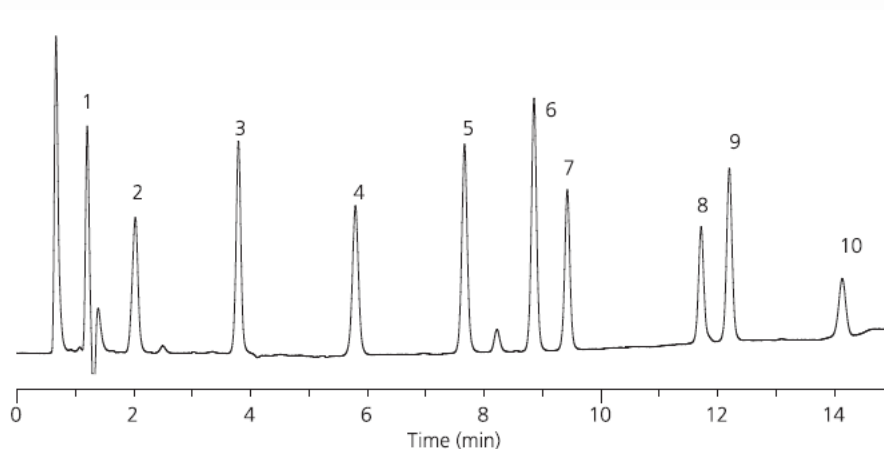
Reversed-phase

Shim-pack Series

Shim-pack™ GIST C18

Analysis of Water-soluble Vitamins

Keywords: vitamin C, VC, niacin, vitamin B family



- | | |
|---------------------|------------|
| 1. Ascorbic acid | (100 mg/L) |
| 2. Nicotinic acid | (10 mg/L) |
| 3. Nicotinamide | (10 mg/L) |
| 4. Pantothenic acid | (100 mg/L) |
| 5. Pyridoxal | (10 mg/L) |
| 6. Pyridoxine | (10 mg/L) |
| 7. Pyridoxamine | (10 mg/L) |
| 8. Thiamine | (10 mg/L) |
| 9. Folic acid | (10 mg/L) |
| 10. Riboflavin | (10 mg/L) |

Column	: Shim-pack GIST C18 (100 mmL. × 3.0 mm I.D., 3 μm), P/N : 227-30009-05
Mobile phase	: A) 10 mM KH ₂ PO ₄ (pH 2.5, H ₃ PO ₄) + 5 mM IPCC-06 B) CH ₃ CN A/B = 98/2 - 8 min - 88/12 - 5 min - 88/12, v/v
Flow rate	: 0.6 mL/min
Column temp.	: 30 °C
Detection	: UV 210 nm
Injection vol.	: 2 μL

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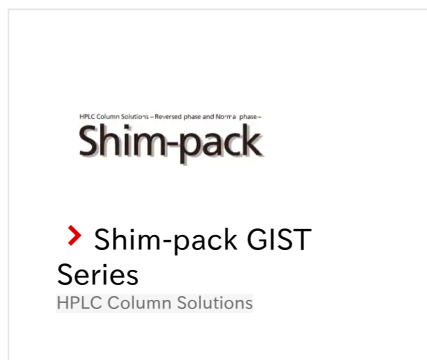
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