

Water-soluble Vitamins - SphereClone vs. Spherisorb Comparison

Column: SphereClone™ 5 µm C8 80 A, LC Column 150 x 4.6 mm, Ea
Dimensions: 150 x 4.6 mm ID
Order No: 00F-4142-E0
Elution Type: Gradient
Eluent A: 5 mM Sodium 1-pentanesulfonate in 0.1% H₃PO₄
Eluent B: 5 mM Sodium 1-pentanesulfonate in 0.1% H₃PO₄ in 80% acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97.5	2.5
	2	20	70	30

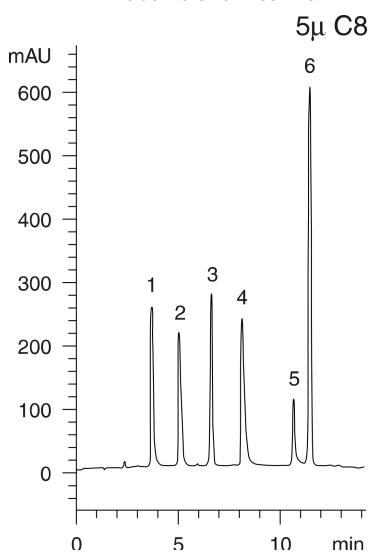
Flow Rate: 1 mL/min
Col. Temp.: ambient
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C8 4 x 3.0mm, 10/Pk Part No.: AJ0-4290
- Holder Part No.: KJ0-4282



Products used in this application:

SphereClone™



ANALYTES:

- 1 Niacinamide
- 2 Pyridoxal
- 3 p-Aminobenzoic acid
- 4 Thiamine
- 5 Folic acid
- 6 Riboflavin

