

Water-Soluble Vitamins - SphereClone vs. Spherisorb Comparison

Column: SphereClone™ 5 µm ODS(2) 80 A, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4144-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.

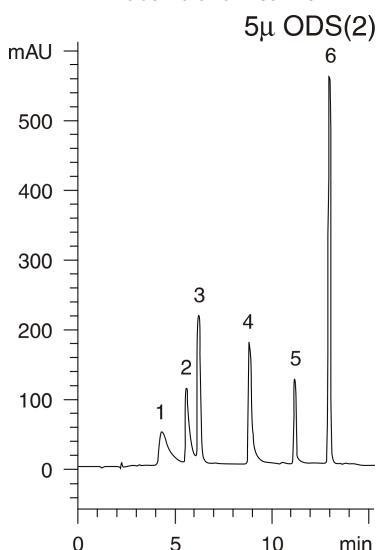
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- 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

