

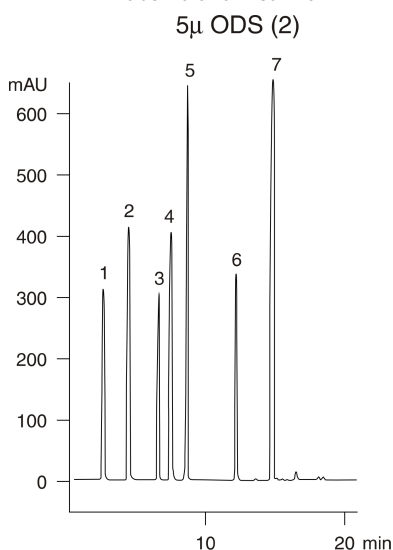
Water-Soluble Vitamins Chromatographic Comparison

Column: Prodigy™ 5 µm ODS-2 150 Å, LC Column 150 x 4.6 mm, Ea
Dimensions: 150 x 4.6 mm ID
Order No: 00F-3300-E0
Elution Type: Gradient
Eluent A: 5 mM Sodium 1-Pentanesulfonate; 0.1% H₃PO₄ in water
Eluent B: 5 mM Sodium 1-Pentanesulfonate; 0.1% H₃PO₄ in 80% acetonitrile in water

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



ANALYTES:

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



Products used in this application:

Prodigy™

