

HPLC Application

ID No.: 14234

Water-soluble vitamins standard on Synergi Hydro-RP

Column: Synergi[™] 4 μ m Hydro-RP 80 \AA , LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4375-E0

Elution Type: Gradient

Eluent A: 20mM KH₂PO₄ + 0.1% Hexane sulfonate, pH 3.0

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97	3
	2	3	97	3
	3	18	50	50

Flow Rate: 1.5 mL/min

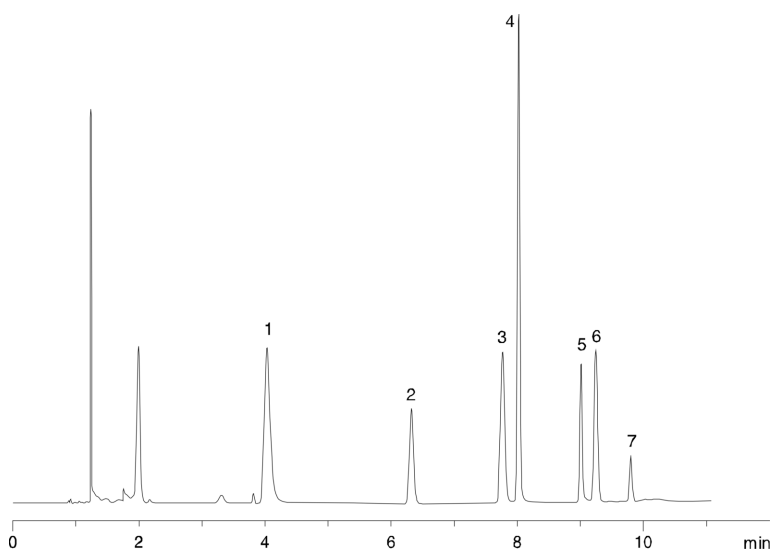
Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)

Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, AQ C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7511

- Holder Part No.: KJ0-4282



ANALYTES:

- 1 Niacinamide
- 2 Pantothenic acid
- 3 p-Aminobenzoic acid
- 4 Pyridoxine
- 5 Thiamine
- 6 Vitamin B12
- 7 Riboflavin

