

Water-Soluble Vitamin Comparison

Column: Luna® 5 µm C18(2) 100 Å, LC Column 30 x 4.6 mm, Ea

Dimensions: 30 x 4.6 mm ID

Order No: 00A-4252-E0

Elution Type: Gradient

Eluent A: 0.1% H₃PO₄

Eluent B: Acetonitrile w/ 0.1% H₃PO₄

Gradient	Step No.	Time (min)	Pct A	Pct B
Profile:	1	0	97	3
	2	6	70	30

Flow Rate: 1 mL/min

Col. Temp.: ambient

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

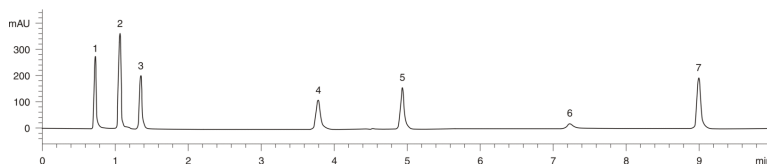
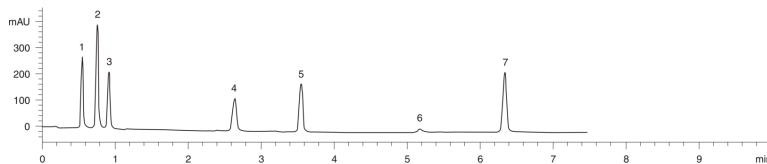
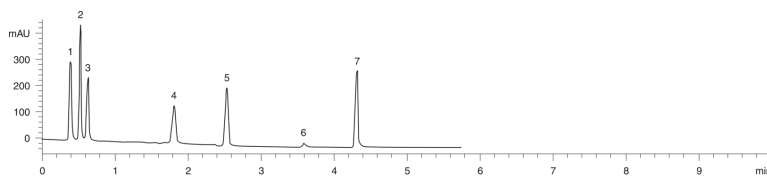
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:

**ANALYTES:**

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