

## 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% H<sub>3</sub>PO<sub>4</sub>

**Eluent B:** Acetonitrile w/ 0.1% H<sub>3</sub>PO<sub>4</sub>

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 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)

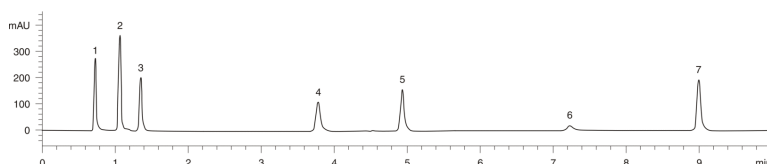
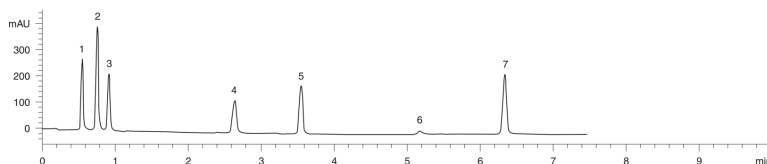
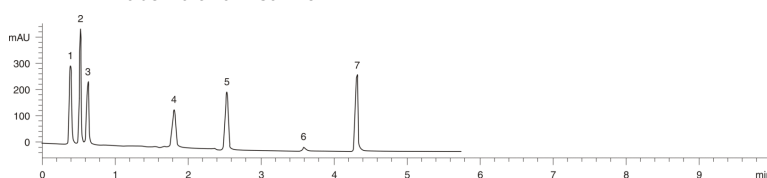
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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

