

## Water Soluble Vitamins (Synergi 4µm Fusion-RP)

**Column:** Synergi™ 4 µm Fusion-RP 80 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4424-E0

**Elution Type:** Gradient

**Eluent A:** 20mM Potassium phosphate, pH 3

**Eluent B:** Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 95    | 5     |
|                   | 2        | 15         | 75    | 25    |

**Flow Rate:** 1 mL/min

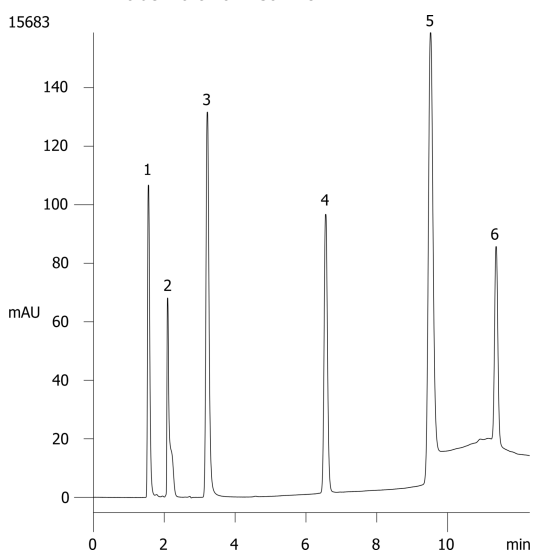
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 214 nm (ambient)

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

- SecurityGuard Cartridges, Fusion-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-7557

- Holder Part No.: KJ0-4282



### ANALYTES:

- 1** Thiamine  
Retention Time: 1.552 min
- 2** Ascorbic acid  
Retention Time: 2.093 min
- 3** Niacinamide  
Retention Time: 3.215 min
- 4** Pantothenic acid  
Retention Time: 6.556 min
- 5** p-Aminobenzoic acid  
Retention Time: 9.517 min
- 6** Vitamin B12  
Retention Time: 11.37 min

