

# HPLC Application

ID No.: 10126

## Water Soluble Vitamins on Prodigy 5 ODS (2) (150 A)

**Column:** Prodigy<sup>™</sup> 5  $\mu$ m 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 IPCC-05 + 0.1% H<sub>3</sub>PO<sub>4</sub> in water

**Eluent B:** 5 mM IPCC-05 + 0.1% H<sub>3</sub>PO<sub>4</sub> in 80% acetonitrile

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.:** 40 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

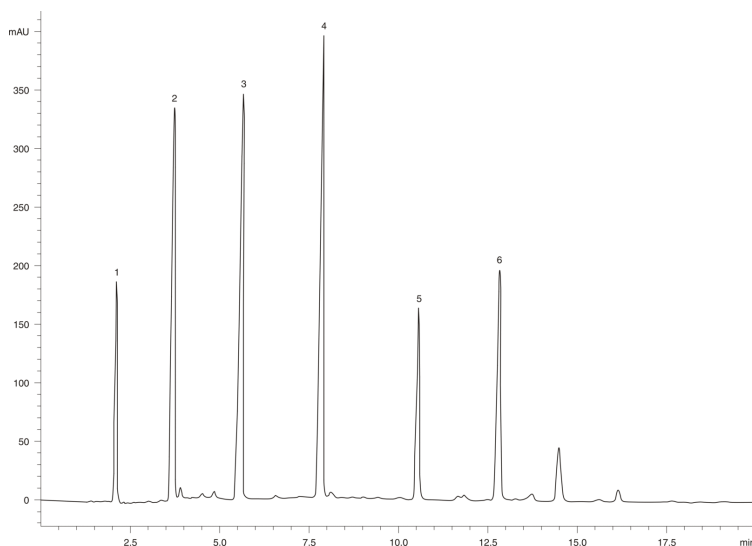
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

# Prodigy<sup>™</sup>



### ANALYTES:

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

