

# HPLC Application

ID No.: 16341

## Batch to Batch comparison using Water-Soluble Vitamins: Luna 5 $\mu$ m HILIC, pH 4.7

**Column:** Luna<sup>®</sup> 5  $\mu$ m HILIC 200  $\text{\AA}$ , LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4450-E0

**Elution Type:** Gradient

**Eluent A:** Acetonitrile

**Eluent B:** 100mM Ammonium Acetate pH 4.7

**Eluent C:** Water

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	90	10	0
	2	15	50	10	40

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 260 nm (ambient)

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

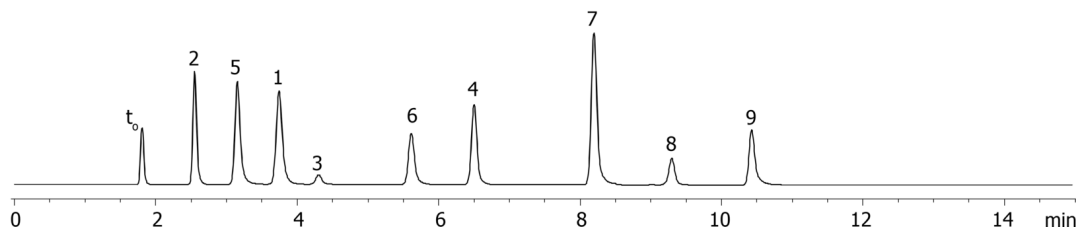
- SecurityGuard Cartridges, HILIC 4 x 3.0 mm, 10/Pk Part No.: AJ0-8329

- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

- 1 PABA
- 2 Nicotinamide
- 3 Riboflavin
- 4 Nicotinic acid
- 5 Pyridoxine
- 6 Thiamine
- 7 Ascorbic acid
- 8 Vitamin B12
- 9 Folic acid

