

# HPLC Application

ID No.: 10764

## Coenzyme A

**Column:** PhenoSphere-NEXT<sup>™</sup> 5 µm C18 120 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4308-E0

**Elution Type:** Gradient

**Eluent A:** Methanol/10 mM potassium phosphate, pH 6.5 (0:100)

**Eluent B:** Methanol/10 mM potassium phosphate, pH 6.5 (40:60)

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	70	30
	<b>2</b>	10	20	80
	<b>3</b>	15	20	80

**Flow Rate:** 0.8 mL/min

**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 260 nm (ambient)

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

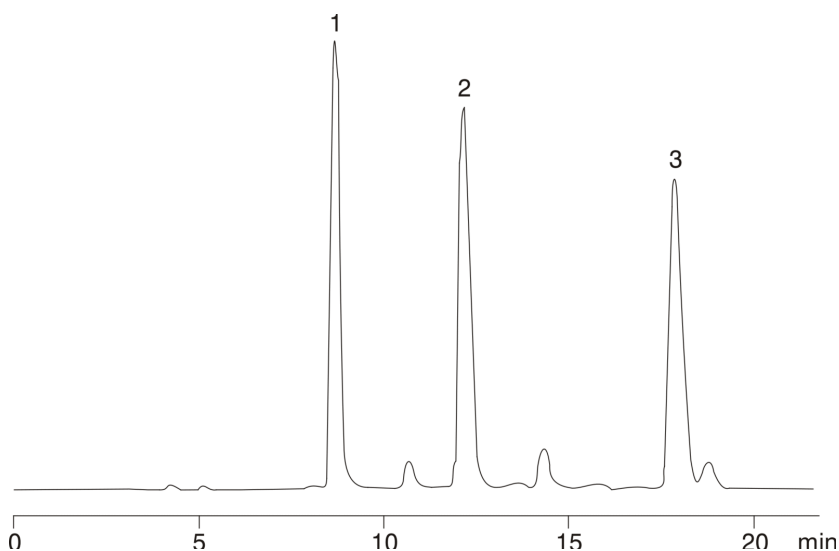
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

**PhenoSphere<sup>™</sup>**



### ANALYTES:

- 1 Coenzyme A
- 2 (R)-3-Hydroxybutyryl-coenzyme A
- 3 Crotonyl-coenzyme A

