

# HPLC Application

ID No.: 10100

## Artificial Sweeteners on Prodigy 5 ODS (2)

**Column:** Prodigy<sup>™</sup> 5  $\mu$ m ODS-2 150  $\text{\AA}$ , LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-3300-E0

**Elution Type:** Isocratic

**Eluent A:** 20 mM KH<sub>2</sub>PO<sub>4</sub>, pH 4.10

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

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

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

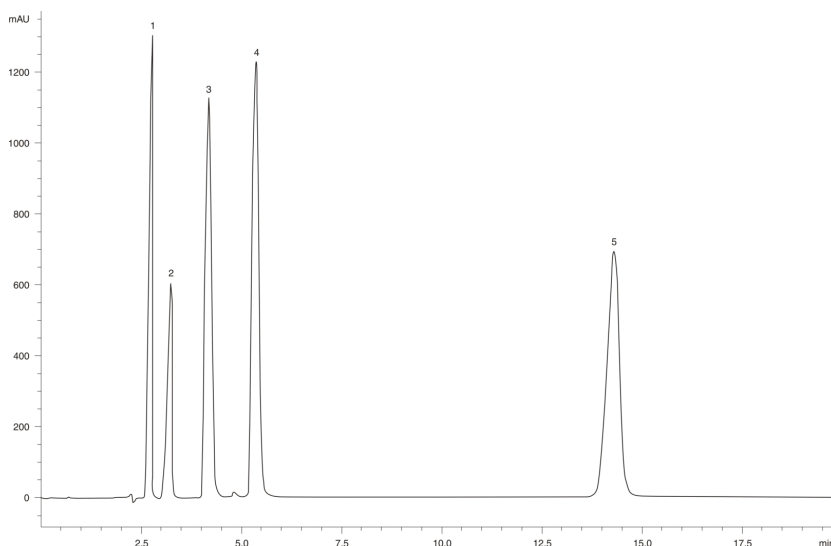
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

# Prodigy<sup>™</sup>



### ANALYTES:

- 1 Phenylalanine
- 2 Acesulfame-K
- 3 Aspartylphenylalanine
- 4 Saccharin
- 5 Aspartame

