

HPLC Application

ID No.: 13339

Artificial sweeteners

Column: Prodigy[™] 5 µm ODS-3 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4097-E0

Elution Type: Gradient

Eluent A: 20 mM KH₂PO₄

Eluent B: acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	55	0	100

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 220 nm (ambient)

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

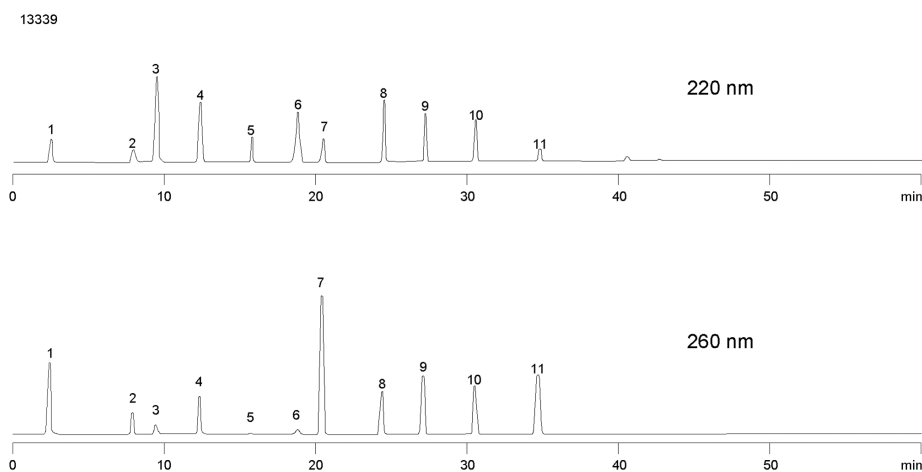
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

Prodigy[™]



Artificial sweeteners

ANALYTES:

- 1 Ascorbic acid
- 2 Acesulfame-K
- 3 Saccharin
- 4 Caffeine
- 5 Aspartame
- 6 Benzoic acid
- 7 Sorbic acid
- 8 Methyl paraben
- 9 Ethyl paraben
- 10 Propyl paraben
- 11 Butyl paraben

