

Polyphenolics

Column: Prodigy™ 5 µm ODS-3 100 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4097-E0

Elution Type: Gradient

Eluent A: Acetic acid/water (20:980 v/v)

Eluent B: Acetonitrile/mobile phase A

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	10	83	20	80
	11	85	100	0
	2	3	100	0
	3	15	96	4
	4	30	90	10
	5	50	85	15
	6	60	77	23
	7	66	75	25
	8	80	70	30
	9	80	50	50

Flow Rate: 1 mL/min

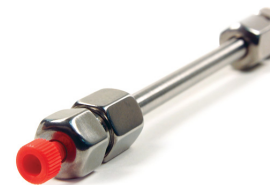
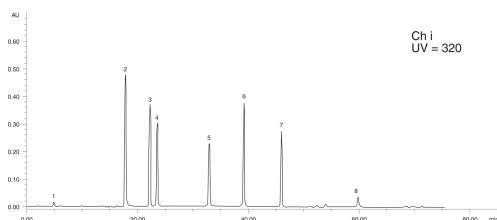
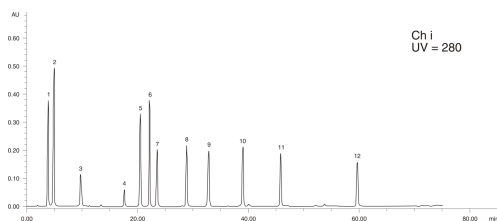
Col. Temp.: 30 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 280 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™



Polyphenolics

ANALYTES:

- 1 Arbutin
- 2 Gallic acid
- 3 HMF
- 4 Catechin
- 5 Gentistic acid
- 6 Chlorogenic acid
- 7 Epicatechin
- 8 p-Coumaric acid
- 9 Ferulic acid
- 10 Rutin
- 11 Phloridzin

