



Column: [Prodigy™ 5 µm ODS-3 100 Å LC Column 250 x 4.6 mm](#)

Part No: [00G-4097-E0](#)

Dimensions: 250 x 4.6 mm ID

Elution Type: Gradient

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

Elution 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 (22°C)

Compounds:

- 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