

HPLC Application

ID No.: 16294

Catechins on Luna 3µm PFP(2) 150 x 4.6mm ID

Column: Luna® 3 µm PFP(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4447-E0

Elution Type: Gradient

Eluent A: 0.1% Formic acid in Water

Eluent B: 0.1% Formic acid in Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	10	55	45

Flow Rate: 1 mL/min

Col. Temp.: ambient

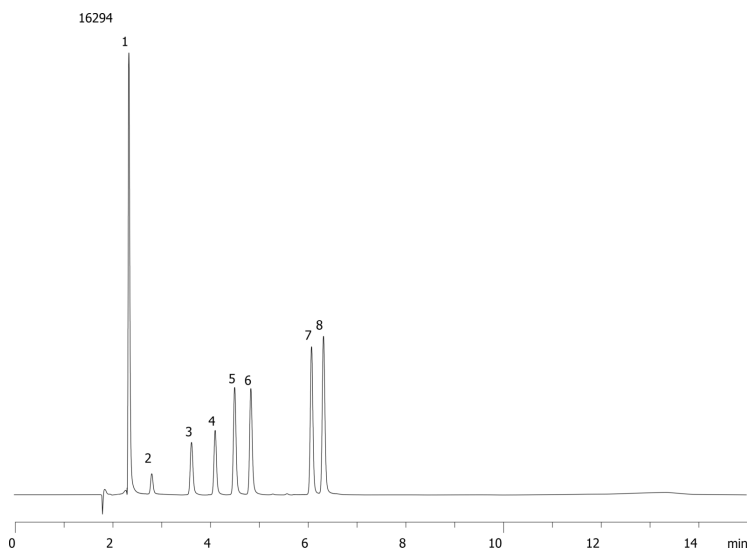
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (ambient)

Detector Info: $R_s(7,8) = 2.65$

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

- SecurityGuard Cartridges, PFP 4 x 3.0 mm, 10/Pk Part No.: AJ0-8327

- Holder Part No.: KJ0-4282



ANALYTES:

- 1 Gallic acid**
Retention Time: 2.351 min
- 2 Epigallocatechin**
Retention Time: 2.819 min
- 3 Catechin**
Retention Time: 3.629 min
- 4 Epicatechin**
Retention Time: 4.114 min
- 5 Epigallocatechin gallate**
Retention Time: 4.515 min
- 6 Gallocatechin gallate**
Retention Time: 4.848 min
- 7 Epicatechin gallate**
Retention Time: 6.089 min
- 8 Catechin gallate**
Retention Time: 6.335 min



Products used in this application:

