

HPLC Application

ID No.: 1133

Japanese Green Tea (Comellia sinensis)

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: Isocratic

Eluent A: 0.2% Phosphoric acid

Eluent B: Acetonitrile

Eluent C: Tetrahydrofuran

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	86	12.5	1.5

Flow Rate: 1 mL/min

Col. Temp.: 25 °C

Detection: Refractive Index @ 0.0000000000 (ambient)

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

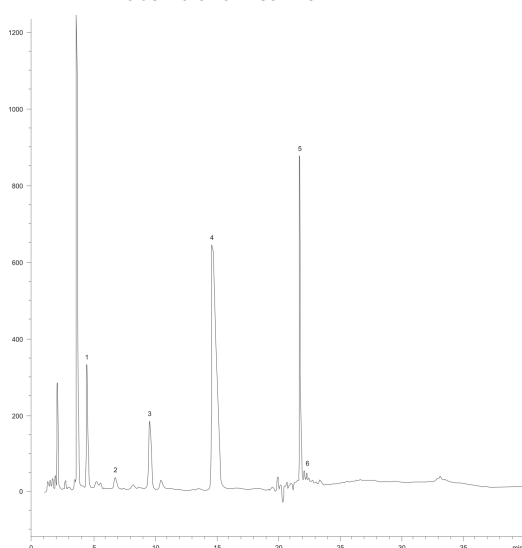
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

Prodigy[™]



ANALYTES:

- 1 Epigallocatechin
- 2 Catechin
- 3 Epicatechin
- 4 Epigallocatechin gallate
- 5 Epicatechin gallate
- 6 Catechin gallate

