

HPLC Application

ID No.: 1076

Cayenne (Oleoresin capsicum)

Column: Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4252-E0

Elution Type: Gradient

Eluent A: Acetonitrile/water (35:65)

Eluent B: Acetonitrile/water (60:40)

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	1	100	0
	2	30	0	100

Flow Rate: 1.5 mL/min

Col. Temp.: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 227 nm (ambient)

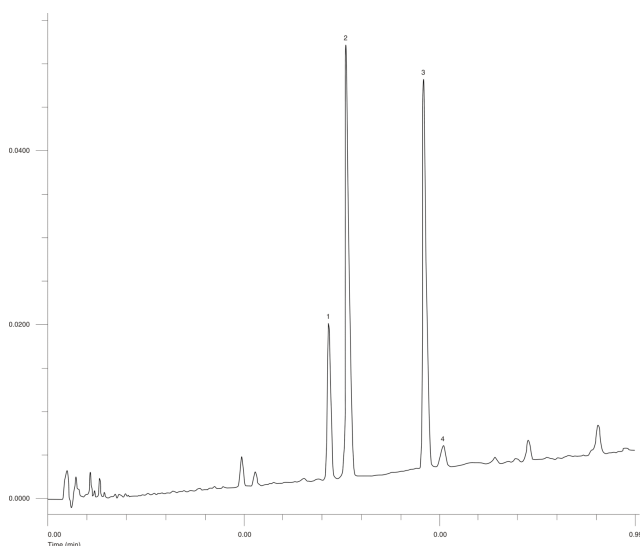
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 Nordihydrocapsaicin
- 2 Capsaicin
- 3 Dihydrocapsaicin
- 4 Homocapsaicin

