

Malachite Green and Related Dyes on Gemini 3.0um C18 50x2.0 column

Column: Gemini® 3 µm C18 110 Å, LC Column 50 x 2 mm, Ea

Dimensions: 50 x 2 mm ID

Order No: 00B-4439-B0

Elution Type: Gradient

Eluent A: 0.1% Formic acid in water

Eluent B: 0.1% Formic acid in 75:25 acetonitrile:methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	70	30
	2	1	30	70
	3	3	30	70
	4	3.01	5	95
	5	4	5	95

Flow Rate: 0.4 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)

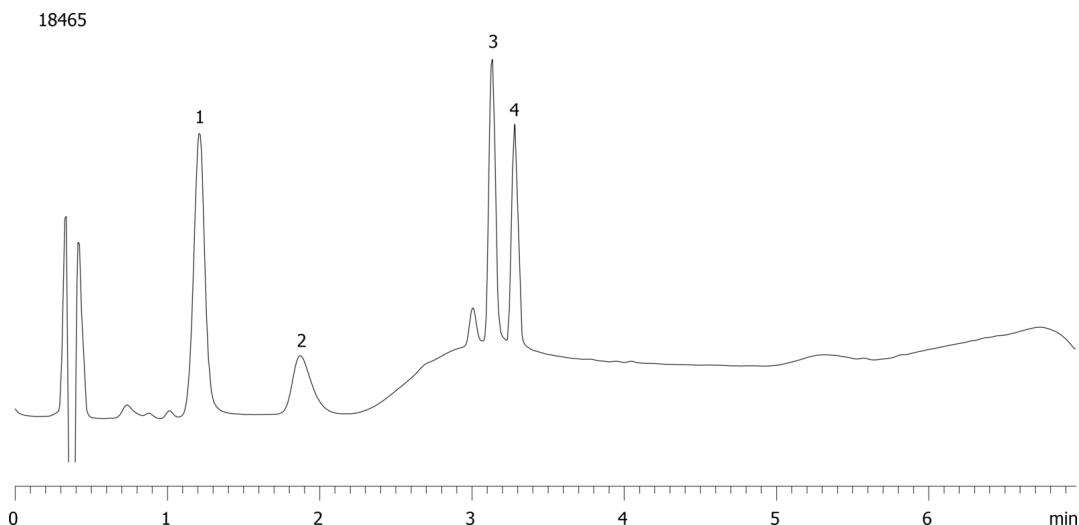
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C18 4 x 2.0mm ID, 10/Pk Part No.: AJ0-7596

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

1 Leucomalachite Green

Retention Time: 1.2 min

2 Malachite Green

Retention Time: 1.87 min

3 Crystal violet

Retention Time: 3.13 min

4 Brilliant Green

Retention Time: 3.28 min

