

Malachite Green and Related Triphenylmethane Dyes in Aquaculture Samples by LC/MS/MS

Column: Synergi™ 4 µm Max-RP 80 Å, LC Column 50 x 2 mm, Ea
Dimensions: 50 x 2 mm ID
Order No: 00B-4337-B0
Elution Type: Gradient
Eluent A: 10mM Ammonium Acetate 0.1% formic acid
Eluent B: Acetonitrile/Water (90:10) with 10mM Ammonium acetate and 0.1% Formic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	70	30
	2	8	10	90
	3	14	10	90
	4	15	70	30

Flow Rate: 0.4 mL/min

Col. Temp.: 30 °C

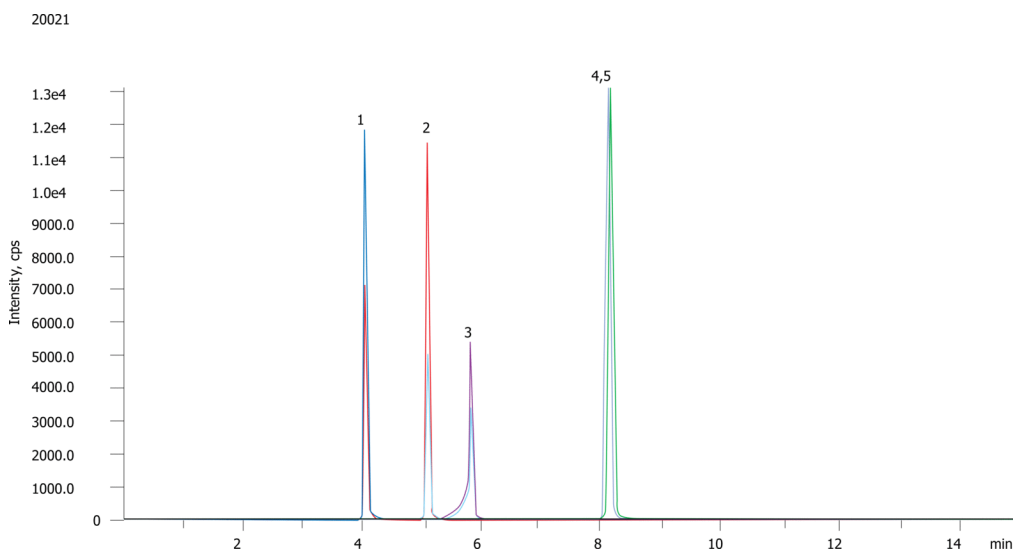
Detection: Circular Dichroism @ 0.0000000000 (ambient)

Analyst Note: This separation uses IMethod Kit Part Number KH0-8986

SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C12 4 x 2.0mm ID, 10/Pk Part No.: AJ0-6073

- Holder Part No.: KJ0-4282



ANALYTES:

- 1** Malachite Green
Retention Time: 4.1 min
- 2** Crystal Violet
Retention Time: 5.1 min
- 3** Brilliant Green
Retention Time: 5.8 min
- 4** Leucomalachite Green-d5
Retention Time: 8.1 min
- 5** Leucomalachite Green
Retention Time: 8.2 min

