

HPLC Application

ID No.: 14438

Carotenoids from Haematococcus Algae Powder

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

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4162-E0

Elution Type: Isocratic

Eluent A: Hexane/Acetone (82:18, v/v)

Gradient Profile:

Step No.	Time (min)	Pct A
1	0	100

Flow Rate: 1.2 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Fixed Wave. (UV) @ 474 nm (ambient)

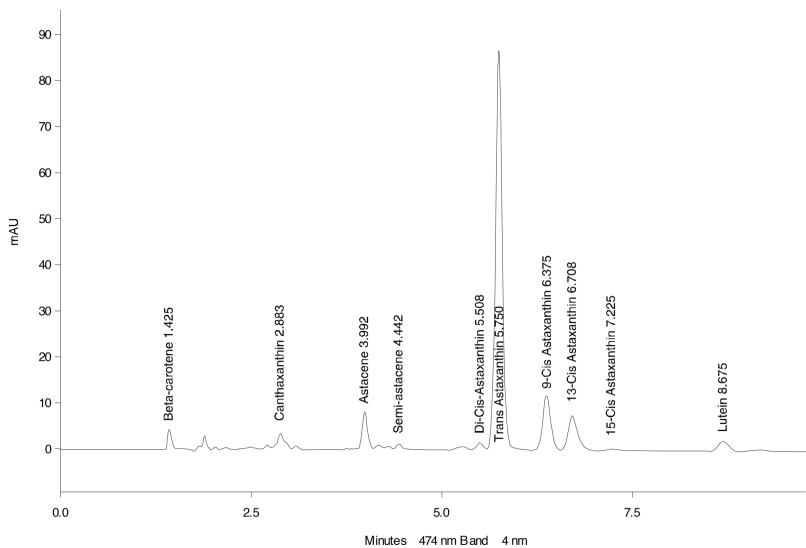
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Silica 4 x 3.0mm, 10/Pk Part No.: AJ0-4348

- Holder Part No.: KJ0-4282



Products used in this application:



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ANALYTES:

- 1 beta-Carotene
- 2 Canthaxanthin
- 3 Astacene
- 4 Semi-Astacene
- 5 Di-cis-astaxanthin
- 6 trans-Astaxanthin
- 7 9-cis-Astaxanthin
- 8 13-cis-Astaxanthin
- 9 15-cis-Astaxanthin
- 10 Lutein

