



Column: [Ultremex™ 5 µm C18 80 Å LC Column 250 x 4.6 mm](#)

Part No: [00G-0048-E0](#)

Dimensions: 250 x 4.6 mm ID

Elution Type: Isocratic

Elution A: Acetonitrile

Elution B: Methanol

Elution C: Chloroform

Elution D: Hexane

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B	Pct C	Pct D
1	0	75	10	7.5	7.5

Flow Rate: 1 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 440 nm (22°C)

Compounds:

- 1- 9-cis-Neochrome
- 2- 13-cis-Lutein-epoxide
- 3- Lutein epoxide
- 4- Lutein
- 5- 3,4-Didehydro-beta,e-caroten-3'-ol
- 6- 3'-4'-Didehydro-beta,beta-caroten-3-ol
- 7- Chl b
- 8- Chl b'
- 9- Chl b isomer
- 10- Chl a
- 11- Chl a'
- 12- Chl a isomer
- 13- Pheophytin
- 14- beta-Carotene
- 15- 9-cis-beta-Carotene
- 16- 13-cis-beta-Carotene
- 17- Pyropheophytin a