

Pigments

Column: Luna 3u C8(2) 100A

Dimensions: 100 x 4.6 mm ID

Order No: 00D-4248-E0

Elution Type: Gradient

Eluent A: Methanol/1M Ammonium Acetate (70:30)

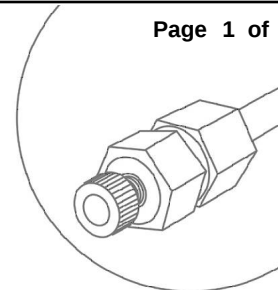
Eluent B: Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	60	5	95

Flow Rate: 1 mL/min

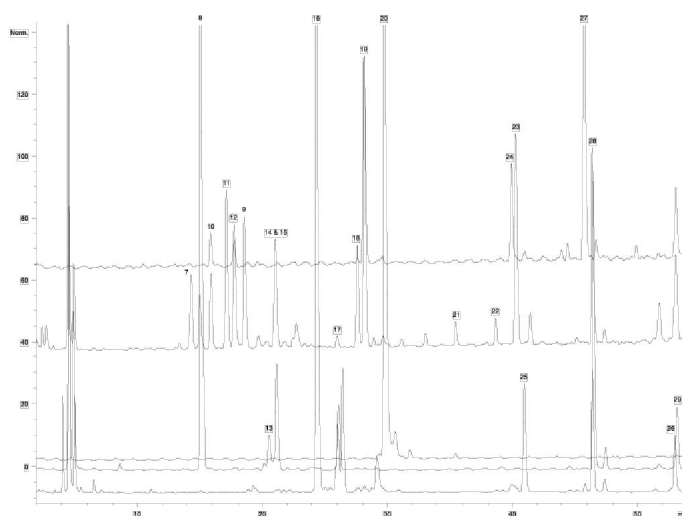
Col. Temp.: 60 °C

Detection: UV-Vis Abs. - Variable Wave. @ 450 nm (ambient)



Products used in this Application:

LUNA®



ANALYTES:

- | | |
|-------------------------------|----------------------------|
| 1 Chlorophyllide a | 15 Diadinoxanthin |
| 2 Chlorophyll c3 | 16 Alloxanthin |
| 3 Chlorophyll c2 | 17 Diatoxanthin |
| 4 Chlorophyll c1 | 18 Zeaxanthin |
| 5 Mg DVP | 19 Lutein |
| 6 Peridinin | 20 Canthaxanthin |
| 7 19' Butanoyloxy fucoxanthin | 21 Unknown #1^3 |
| 8 Fucoxanthin | 22 Unknown #2^3 |
| 9 19' Hexanoyloxy fucoxanthin | 23 Monovinyl chlorophyll b |
| 10 Neoxanthin | 24 Divinyl chlorophyll b |
| 11 Prasinoxanthin | 25 Crocoxanthin |
| 12 Violaxanthin | 26 Monovinyl chlorophyll a |
| 13 Fucoxanthin isomer #1^2 | 27 Divinyl chlorophyll a |
| 14 Fucoxanthin isomer #2^2 | 28 alpha-Carotene |



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Page 2 of 2

29 beta-Carotene

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