

HPLC Application

ID No.: 24458

Butter Matrix - Phenolic Antioxidants Using Kinetex 2.6u Polar C18

Column: Kinetex[®] 2.6 μ m Polar C18 100 Å, LC Column 100 x 3.0 mm, Ea

Dimensions: 100 x 3 mm ID

Order No: 00D-4759-Y0

Elution Type: Gradient

Eluent A: Water + 0.5% Acetic Acid

Eluent B: Acetonitrile + 0.5% Acetic Acid

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|--------------------------|-----------------|-------------------|--------------|--------------|
| | 1 | 0 | 75 | 25 |
| | 2 | 5 | 0 | 100 |
| | 3 | 15 | 0 | 100 |

Flow Rate: 0.4 mL/min

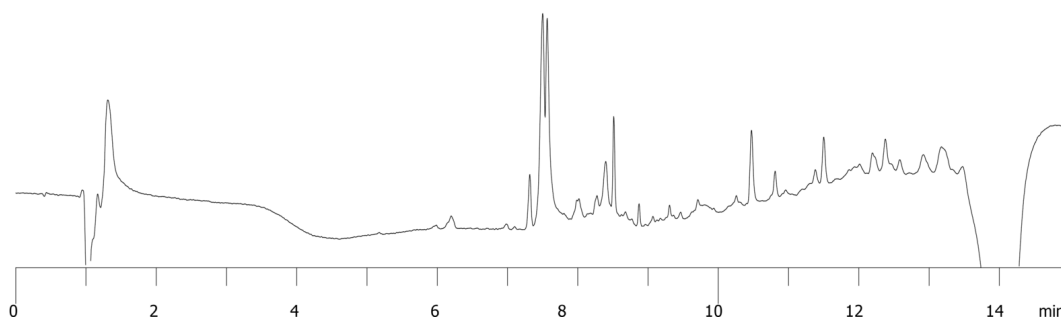
Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (ambient)

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Products used in this application:



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ANALYTES:

- 1 Propyl Gallate
- 2 Ethoxyquin
- 3 TBHQ
- 4 NDGA
- 5 BHA
- 6 Ionox [®] 100
- 7 Vitamin E
- 8 Octyl Gallate
- 9 BHT
- 10 Lauryl Gallate
- 11 Vitamine E Acetate

