

HPLC Application

ID No.: 15993

Polar Aromatic Organic Acids by Gemini 5u C6-Phenyl

Column: Gemini[®] 5 μ m C6-Phenyl 110 \AA , LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4444-E0

Elution Type: Isocratic

Eluent A: 20mM Potassium phosphate buffer, pH 2.5

Eluent B: Methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 55 | 45 |

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

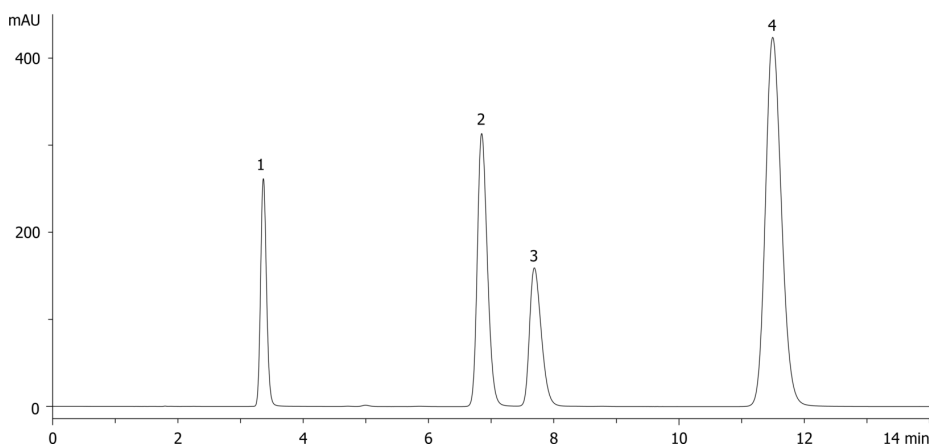
Analyst Note: SYMM (salicylic acid) = 0.66

Backpressure = 150 bar

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Products used in this application:



ANALYTES:

- 1 p-Hydroxybenzoic acid
- 2 Benzoic acid
- 3 Salicylic acid
- 4 p-Toluic acid

