HPLC Application

ID No.: **15611**



Aromatic Acids (non-polar acids) at low pH by Gemini 5um C18

Gemini® 5 µm C18 110 Å, LC Column 150 x 4.6 mm, Ea

150 x 4.6 mm ID **Dimensions:** Order No: 00F-4435-E0 Elution Type: Isocratic

Eluent A: 20mM Phosphate buffer pH2.5

Eluent B: Acetonitrile

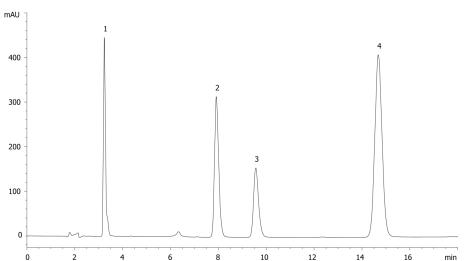
Gradient Step No. Time (min) Pct A Pct B **Profile:** 75 25

1 mL/min Flow Rate: Col. Temp.: ambient

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

Analyst Note: Peak 3 (salicylic acid)

N = 10983, Symm = 0.75, Peak area = 2233





Products used in this application:



ANALYTES:

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

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