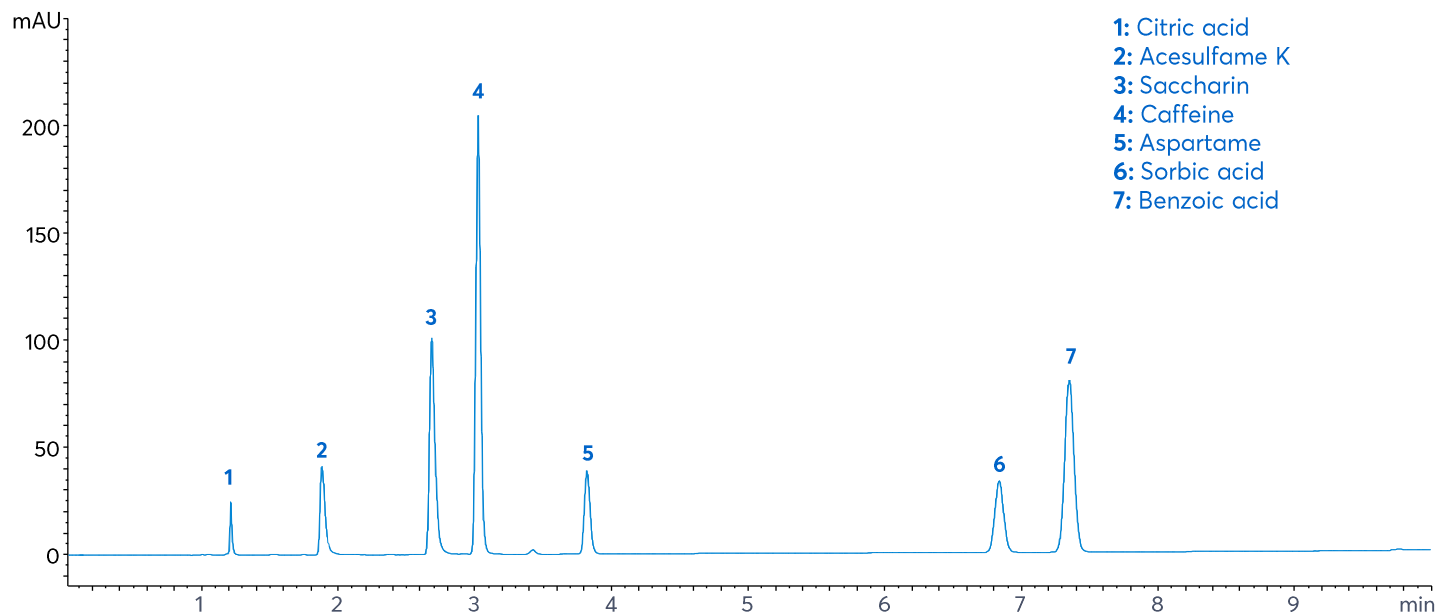


Application note #7360

Caffeine, Sweeteners and Preservatives III



Method Details

CONDITIONS

Column: Avantor® ACE® UltraCore C18-Amide
 Dimensions: 100 x 3.0 mm
 Mobile Phases: A: 20 mM KH₂PO₄ pH 2.0 in H₂O
 B: 20 mM KH₂PO₄ pH 2.0 in MeCN/H₂O 75:25 v/v

Gradient:

Time (mins)	%B
0	10
10	40
12	40

Flow Rate: 0.43 mL/min
 Injection: 1 µL
 Temperature: 50 °C
 Detection: UV, 214 nm
 System Dwell Volume: 200 µL

ORDERING TABLE

Product	Details	Size	Part number
Avantor® ACE® UltraCore C18-Amide	HPLC column	100 x 3.0 mm	CORE-35E-1030
Acetonitrile	VWR CHROMANORM® gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® gradient grade	2.5 L	83650.320
Potassium dihydrogen phosphate	VWR HiPerSolv CHROMANORM® for HPLC	500 g	153184U