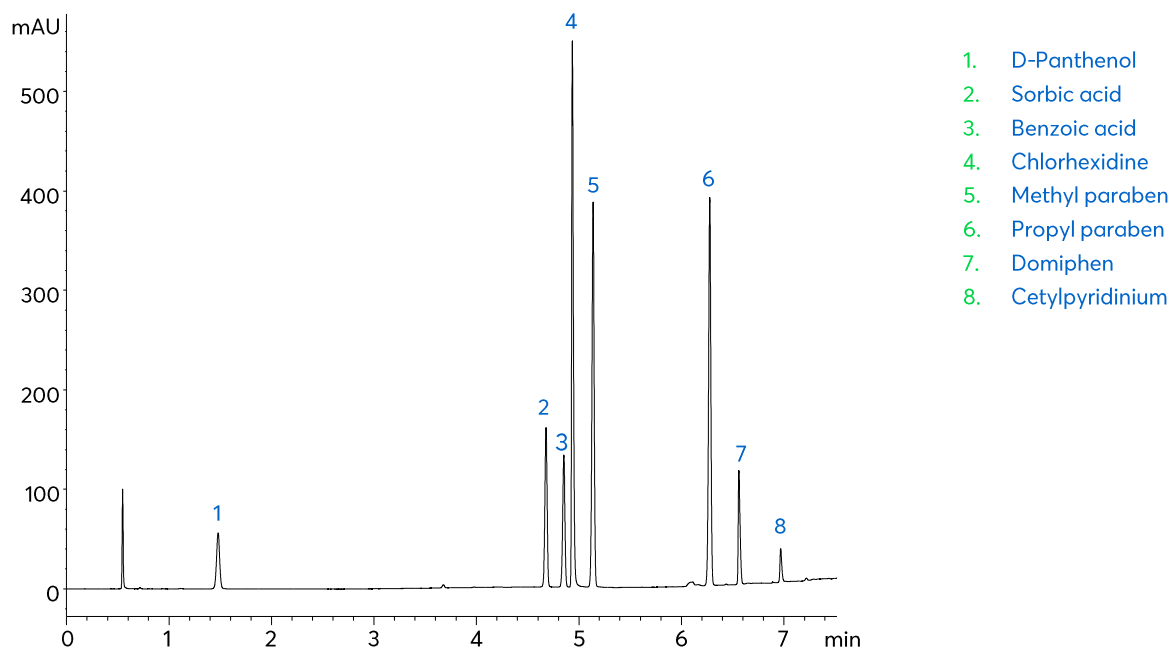


## Application note #4820

# Antiseptics and Preservatives



# Method Details

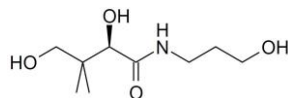
## CONDITIONS

Column: Avantor® ACE® Excel® 3 C18-Amide  
 Particle Size: 3 µm  
 Dimensions: 100 x 4.6 mm  
 Mobile Phase: A: 0.1% phosphoric acid (aq)  
 B: 0.1% phosphoric acid in MeCN

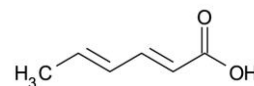
Gradient:

Time (mins)	% B
0	5
2	5
8	90
9	90
9.5	5

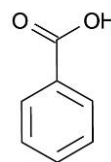
Flow Rate: 2.0 mL/min  
 Injection: 1 µL  
 Temperature: 40 °C  
 Detection: UV, 210 nm  
 Instrument: Chromaster UltraRs



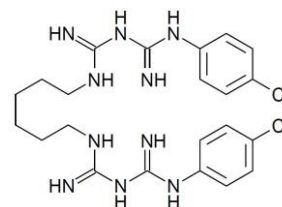
D-Panthenol



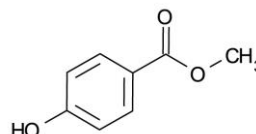
Sorbic acid



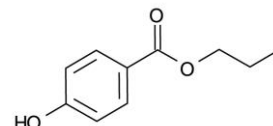
Benzoic acid



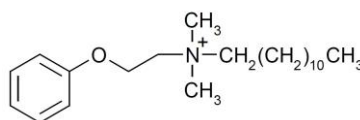
Chlorhexidine



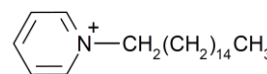
Methyl paraben



Propyl paraben



Domiphen



Cetylpyridinium

## ORDERING TABLE

Product	Details	Size	Part Number
Avantor® ACE® Excel® 3 C18-Amide	HPLC Column	100 x 4.6 mm	EXL-1112-1046U
Acetonitrile	VWR CHROMANORM® super gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® super gradient grade	2.5 L	83650.320
Orthophosphoric acid 85%	VWR NORMAPUR® analytical reagent	500 mL	20624.262