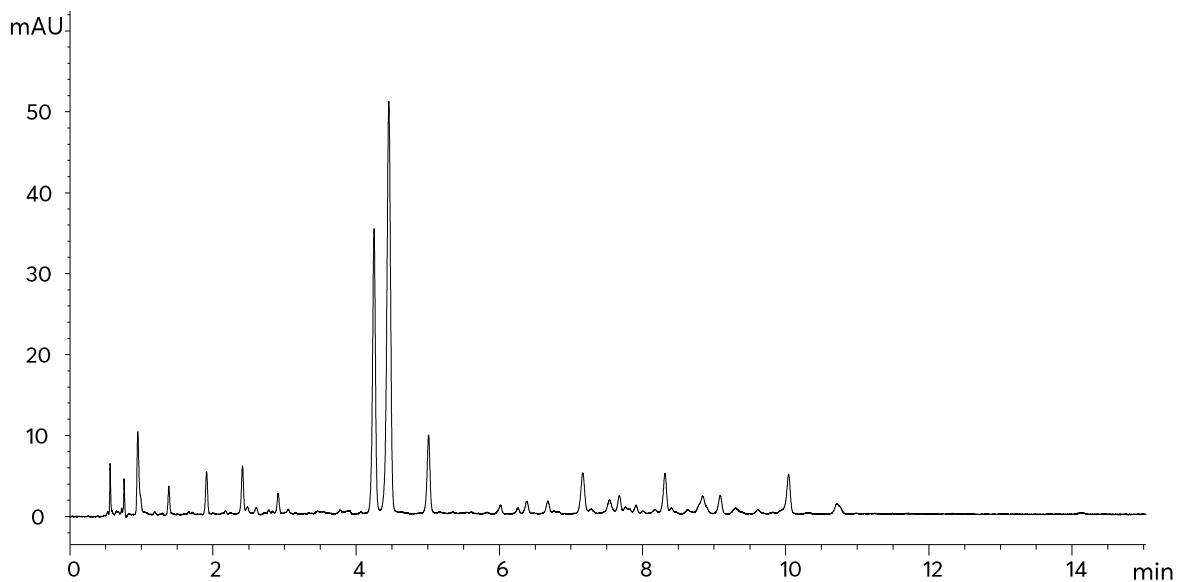


Chromatography Solutions

Application note #4280

# Green Tea Extract



# Method Details

## CONDITIONS

Column: Avantor® ACE® Excel® 1.7 SuperC18

Particle Size: 1.7 µm

Dimensions: 100 x 3.0 mm

Mobile Phase: A: 0.1% formic acid in H<sub>2</sub>O  
B: 0.1% formic acid in MeCN

Gradient:

Time (mins)	% B
0	5
15	20
17	95
18	95
20	5
27	5

Flow Rate: 0.8 mL/min

Injection: 2 µL

Temperature: 80 °C

Detection: UV, 260 nm

Sample: Tablet ground to fine powder and extracted with MeCN/H<sub>2</sub>O (1:1 v/v) with ultrasonication. Supernatant diluted with H<sub>2</sub>O and filtered using Whatman Mini-Uniprep syringeless filter.

System: Chromaster Ultra Rs

## ORDERING TABLE

Product	Details	Size	Part Number
Avantor® ACE® Excel® 1.7 SuperC18	UHPLC Column	100 x 3.0 mm	EXL-1711-1003U
Acetonitrile	VWR CHROMANORM® super gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® super gradient grade	2.5 L	83650.320
Formic acid	VWR NORMAPUR® analytical reagent	100 mL	20318.180