

Detection of Anthocyanins in Tea

Application #AN6430

Conditions

Column: ACE Excel 2 SuperC18
Dimensions: 150 x 2.1 mm
Part Number: EXL-1011-1502U
Mobile Phase: A: 6 % Formic acid in H₂O
B: Formic acid/methanol/acetonitrile/water (6:23:23:48 v/v/v/v)

Time (mins)	%B
0	5
20	50
22	5
25	5

Flow Rate: 0.3 mL/min

Injection: 5 µL

Temperature: 35 °C

Detection: UV, 520 nm

Sample:

1. Cyanidin-3-O-galactoside (Ideain)
2. Cyanidin-3-O-glucoside (Chrysanthemins)
3. Delphinidin-3-O-galactoside
4. Delphinidin
5. Cyanidin

