

Amino Acids Derivatized with Dabsyl Chloride

ACE[®]
Ultra-inert
UHPLC & HPLC Columns

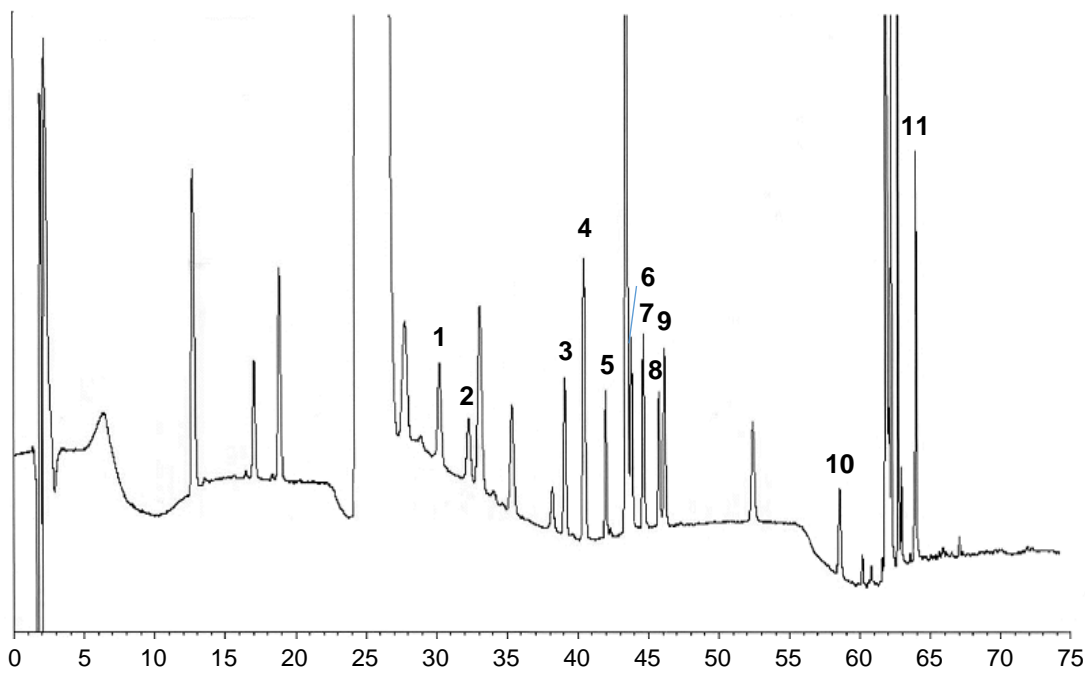
Application #AN3420

Conditions

Column: ACE 3 C18
Dimensions: 150 x 3.0 mm
Part Number: ACE-111-1503
Mobile Phase: A: 10 mM potassium dihydrogen phosphate pH 6.55 in H₂O
B: MeCN/IPA (70:30 v/v)

Time (mins)	%B
0.0	10
3.0	18
17.0	18
27.0	22
35.0	22
50.0	35
57.0	35
70.0	65
70.1	65
89.0	10
90.0	10

Flow Rate: 0.5 mL/min
Injection: 20 µL
Temperature: 50 °C
Detection: UV, 436 nm



1. L-Arginine
2. L-Threonine
3. L-Proline
4. L-Valine
5. L-Methionine
6. L-Isoleucine
7. L-Tryptophan
8. L-Norleucine
9. L-Leucine
10. Ammonium ion
11. L-Lysine

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