# Amino Acids Derivatised with Dabsyl Chloride

ACE®
Ultra-inert
UHPLC & HPLC Columns

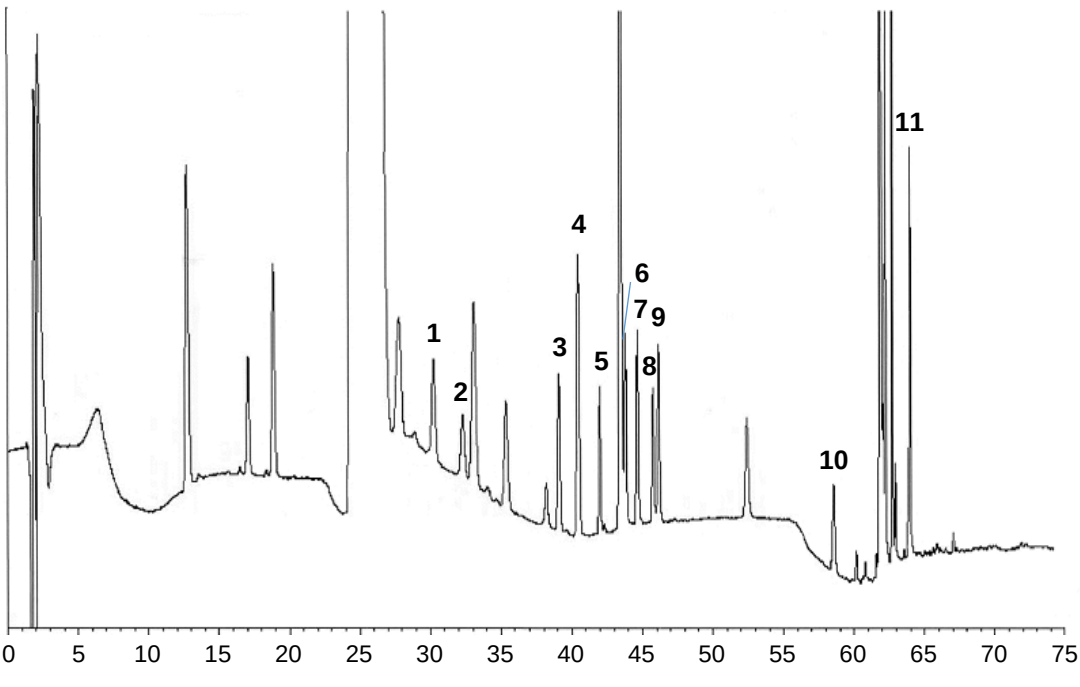
Application #**AN3420**

**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 $H_2O$ |
| | 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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