



## Amino Acids Derivatized with Dabsyl Chloride

### Conditions

Column: ACE 3 C18, 150 x 3.0mm  
Part Number: ACE-111-1503  
Mobile Phase: A: 10mM  $\text{KH}_2\text{PO}_4$  buffer (pH 6.55)  
B: 70:30 MeCN/2-Propanol  
Flow Rate: 0.5ml/min  
Gradient:

T(mins)	%A	%B
0	90	10
3	82	18
17	82	18
27	78	22
35	78	22
50	65	35
57	65	35
70	35	65
70.1	35	65
89	90	10
90	90	10

Temperature: 50°C  
Detection: UV, 436nm (PDA detector)  
Injection Volume: 20µl

### Compounds

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

