



Vitamins – Water Soluble (Gradient)

Conditions

Column: ACE 5 C18, 250 x 4.6mm
Part Number: ACE-121-2546
Mobile Phase: A. 50mM KH_2PO_4 (pH 3.0)
B. MeOH
Flow Rate: 1.0ml/min
Gradient:

T(mins)	%A	%B
0	97	3
5	97	3
45	55	45
50	20	80

Temperature: Ambient
Detection: UV, 205nm

Compounds

1. Pyridoxamine
2. Thiamine (Vitamin B1)
3. Ascorbic acid (Vitamin C)
4. Nicotinic acid
5. Pyridoxal
6. Impurity
7. Pyridoxine
8. p-Aminobenzoic acid
9. Pantothenic acid (Vitamin B5)
10. Folic acid (Vitamin M)
11. Cyanocobalamin (Vitamin B12)
12. d-Biotin (Vitamin H)
13. Riboflavin (Vitamin B2)

