Water Soluble Vitamins

ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #AN1880

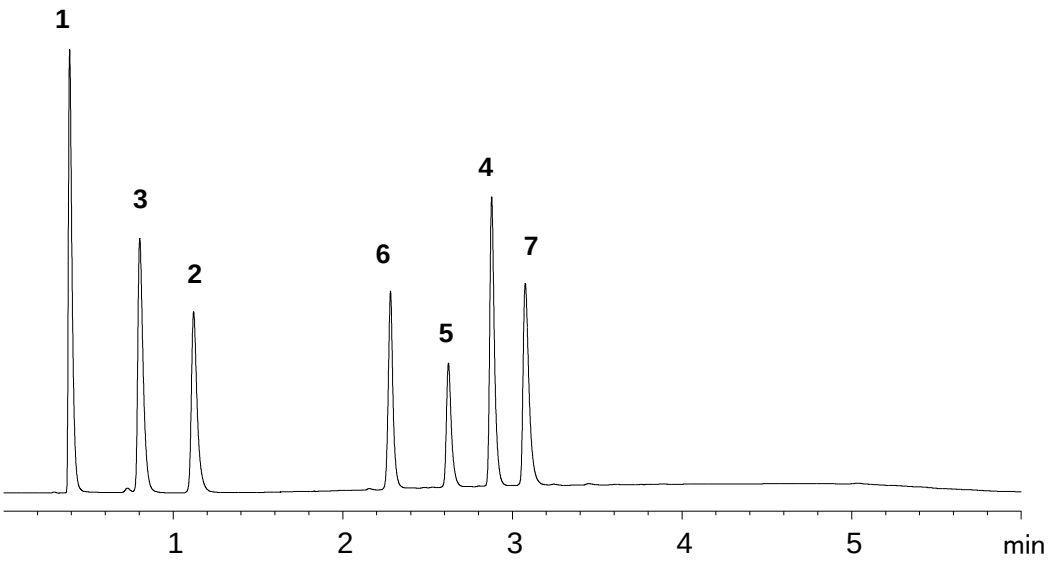
Conditions

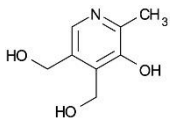
Column:	ACE Ultracore 2.5 SuperPhenylHexyl
Dimensions:	50 x 2.1 mm
Part Number:	CORE-25B-0502U
Mobile Phase:	A: 20 mM KH_2PO_4, pH 2.7
	B: 20 mM KH_2PO_4, pH 2.7 in MeOH/H_2O (50:50 v/v)

Time (mins)	%B
0.00	20
1.50	60
3.00	70
3.75	70
4.50	20

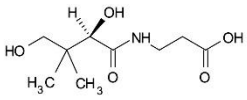
Post time 4.5 minutes

Flow Rate:	0.4 mL/min
Injection:	1 µL
Temperature:	40 °C
Detection:	UV, 205 and 254 nm

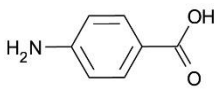




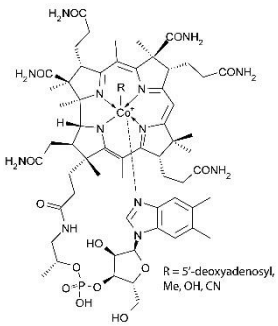
1. Pyridoxine



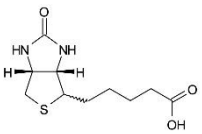
2. Pantothenic acid



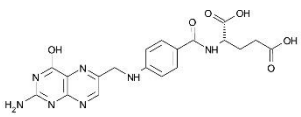
3. p-Aminobenzoic acid



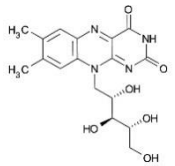
4. Cyanocobalamin



5. d-Biotin



6. Folic acid



7. Riboflavin

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