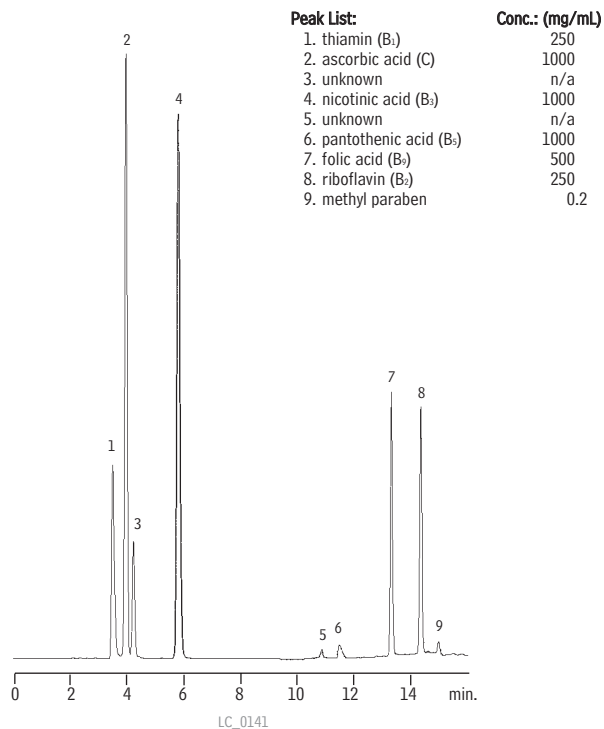


## Vitamins (Water Soluble) on Ultra Aqueous C18



### Peak List:

Peak #	Compound	Conc. (mg/mL)
1.	thiamin (B <sub>1</sub> )	250
2.	ascorbic acid (C)	1000
3.	unknown	n/a
4.	nicotinic acid (B <sub>3</sub> )	1000
5.	unknown	n/a
6.	pantothenic acid (B <sub>5</sub> )	1000
7.	folic acid (B <sub>9</sub> )	500
8.	riboflavin (B <sub>2</sub> )	250
9.	methyl paraben	0.2

### Sample:

Initial dilutions of B<sub>1</sub> and B<sub>2</sub>  
basified with ammonium hydroxide

### Column: Ultra Aqueous C18

Cat. #: 9178575  
Dimensions: 250 x 4.6mm  
Particle size: 5µm  
Pore size: 100Å

### Conditions:

Mobile Phase: A: 25mM potassium phosphate, pH 2.00:methanol (95:5, v/v)  
B: methanol:25mM potassium phosphate, pH 3.5 (60:40, v/v)

Time (min.)	% B
0-6	0
6.01	25
11	100
16	100

Flow: 1.0mL/min.  
Temp.: 27°C  
Det.: UV @ 254nm