

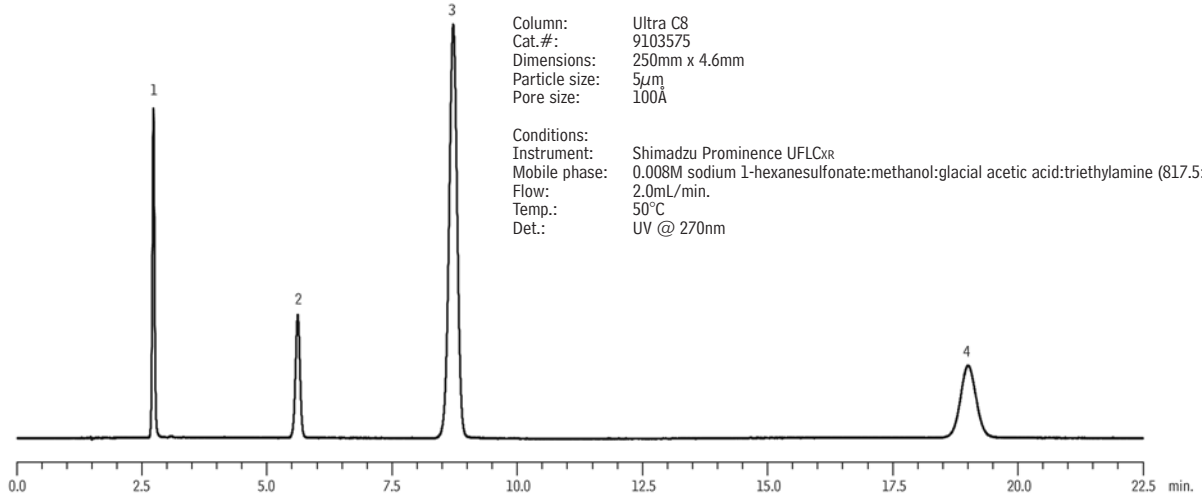
**Vitamins B<sub>1</sub>, B<sub>2</sub>, B<sub>3</sub>, and B<sub>6</sub>**  
**Ultra C8**

Peak List	Ret. Time (min.)
1. vitamin B <sub>3</sub> (nicotinamide)	2.732
2. vitamin B <sub>6</sub> (pyridoxine)	5.615
3. vitamin B <sub>2</sub> (riboflavin)	8.719
4. vitamin B <sub>1</sub> (thiamine)	19.004

Sample:  
Inj.: 5 $\mu$ L  
Conc.: 50 $\mu$ g/mL each component  
Sample diluent: water:methanol (80:20)

Column: Ultra C8  
Cat.#: 9103575  
Dimensions: 250mm x 4.6mm  
Particle size: 5 $\mu$ m  
Pore size: 100Å

Conditions:  
Instrument: Shimadzu Prominence UFLC<sub>R</sub>  
Mobile phase: 0.008M sodium 1-hexanesulfonate:methanol:glacial acetic acid:triethylamine (817.5:175:7.5:0.2)  
Flow: 2.0mL/min.  
Temp.: 50°C  
Det.: UV @ 270nm



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