

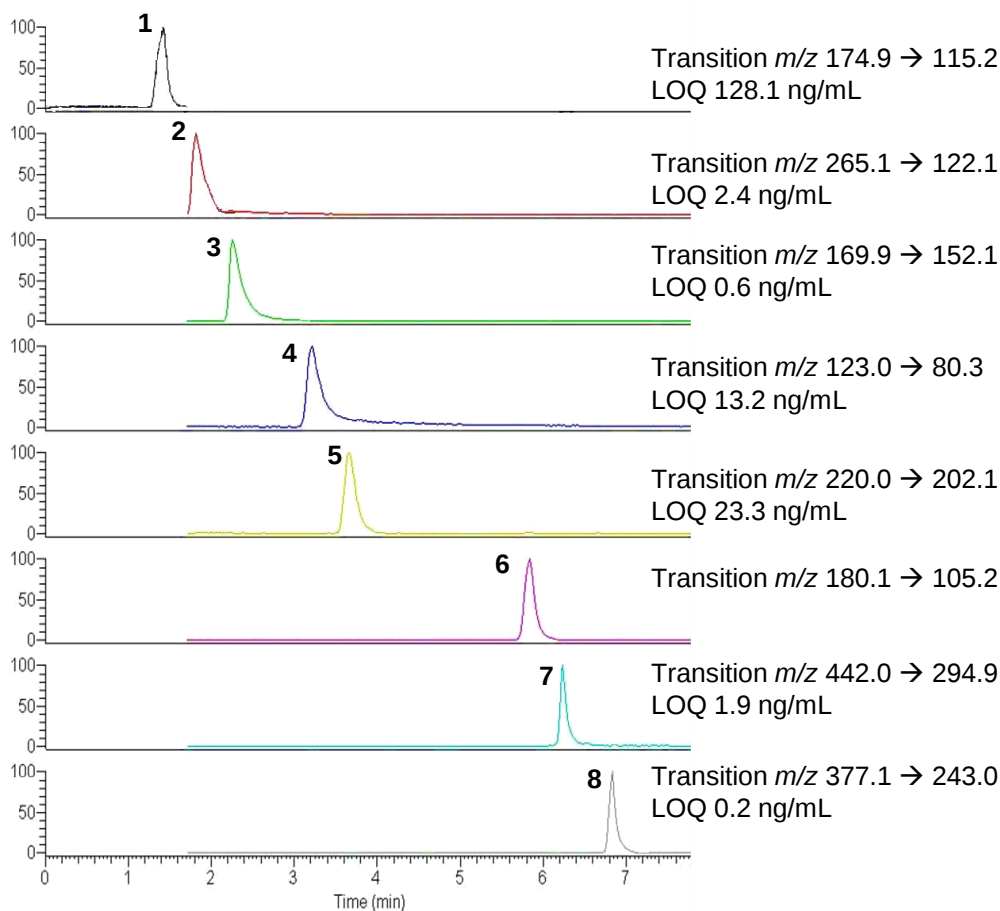
Water Soluble Vitamins in Green Vegetables by LC-MS/MS

Conditions

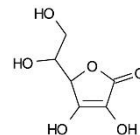
Column: ACE 3 C18
Dimensions: 100 x 2.1 mm
Part Number: ACE-111-1002
Mobile Phase:
A: 10 mM ammonium acetate pH 4.5 in H₂O
B: 0.1% acetic acid in MeOH
C: 0.3% acetic acid in MeOH

Time (mins)	%A	%B	%C
0	90	10	0
3	90	10	0
4	50	0	50
7	50	0	50
10	0	100	0

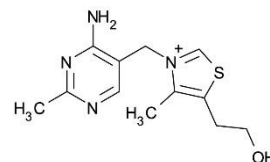
Flow Rate: 0.2 mL/min
Injection: 10 µL
Temperature: 20 °C
Detection: TSQ triple quad MS; SRM mode
-ESI for vitamin C
+ESI for B vitamins



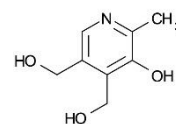
Application #AN1860



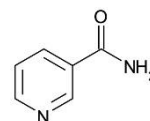
1. Ascorbic acid



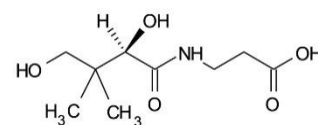
2. Thiamine



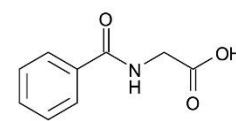
3. Pyridoxine



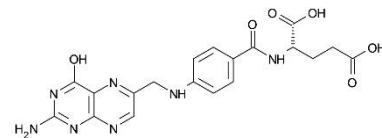
4. Nicotinamide



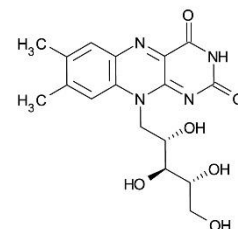
5. Pantothenic acid



6. Hippuric acid (IS)



7. Folic acid



8. Riboflavin