



Water Soluble Vitamins

1. Analysis Condition

YL9100 Series Vitamin Analyzer

Mobile Phase : A-Ultrapure water 1L+PIC 7 Reagent 20ml (H₃PO₄ 0.1% Included)
 B- Ultrapure water 200ml + ACN 800ml + PIC 7 Reagent 20ml (H₃PO₄ 0.1% Included)

*Gradient Program

Time (min)	Flow Rate (ml/min)	Mobile Phase	
		A(%)	B(%)
0	1.0	95	5
20	1.0	50	50
27	1.0	50	50
28	1.0	95	5

Column Oven : 40°C
 Detector : UV/Vis 254nm
 Column : C18 (4.6*150mm, 5um)
 Injection Volume : 20ul sample loop

2. Chromatogram

