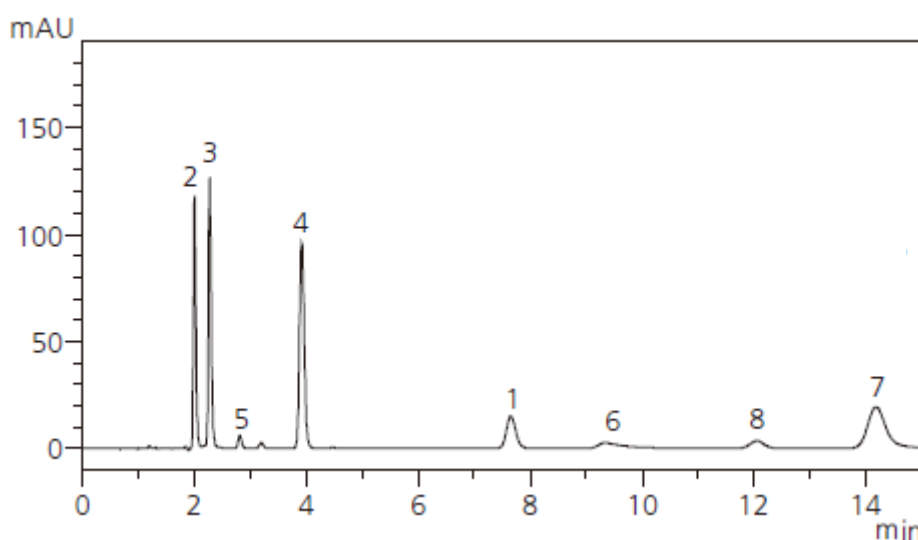


**CoreFocus**  
**Report**  
**No.186**

LC Reversed-phase Shim-pack Series

**Shim-pack™ VP-ODS**  
**Simultaneous Determination of Water-soluble Vitamins**

**Keywords:** vitamin B<sub>1</sub>, vitamin B<sub>2</sub>, vitamin B<sub>3</sub>



1. Thiamine
2. Niacin
3. Nicotinamide
4. Pyridoxine
5. Ca Pantothenate
6. Folic acid
7. Riboflavin
8. Biotin (20 mg/L)

Column	: Shim-pack VP-ODS (150 mm L. x 4.6 mm I.D., 5 μm), P/N : 228-34937-91
Mobile phase	: A) 100 mol/L Phosphate (sodium) buffer (pH 2.1) Containing 0.8 mmol/L sodium 1-octanesulfonate B) Acetonitrile A/B = 10/1 (v/v)
Flowrate	: 1.2 mL/min
Column temp.	: 40 °C
Detection	: SPD-M20A at 210 nm
Injection vol.	: 10 μL

Source : Application News L459 ([JP](#), [ENG](#))

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