

水溶性ビタミンの分析

Analysis of Water-soluble Vitamins

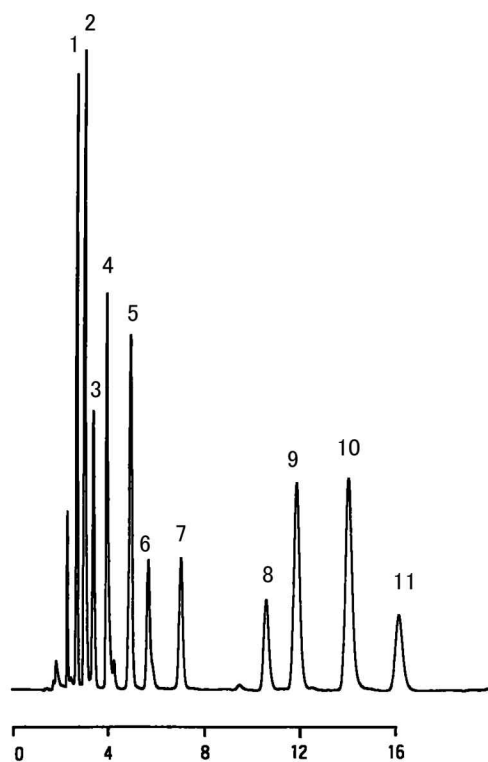
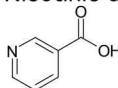


Fig. Chromatogram of Water-soluble Vitamins.

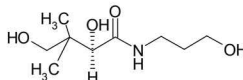
【Analytical conditions】

Column: **L-column ODS**(C18, 5 μ m, 12 nm) 4.6 mm I.D. \times 150 mm L.
 Mobile phase: CH₃CN/5 mM Sodium hexanesulfonate + 20mM H₃PO₄ (9/91)
 Flow rate: 1 mL/min
 Temperature: 45°C
 Detection: UV 210 nm
 Injection volume: 1 μ L
 System: -

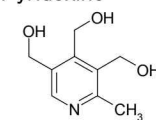
1. Nicotinic acid



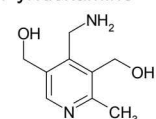
3. Pantothenic acid



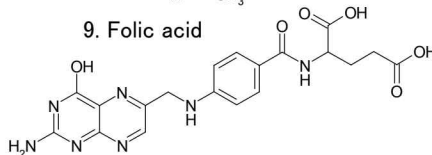
5. Pyridoxine



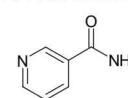
7. Pyridoxamine



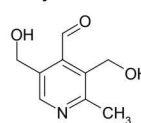
9. Folic acid



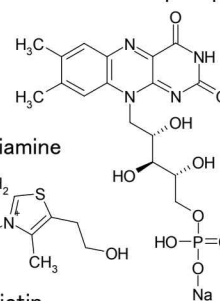
2. Nicotinamide



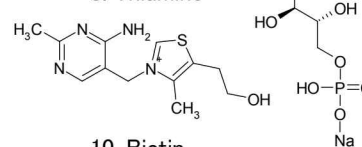
4. Pyridoxal



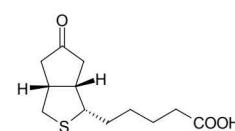
6. Riboflavine sodium phosphate



8. Thiamine



10. Biotin



11. Riboflavine

