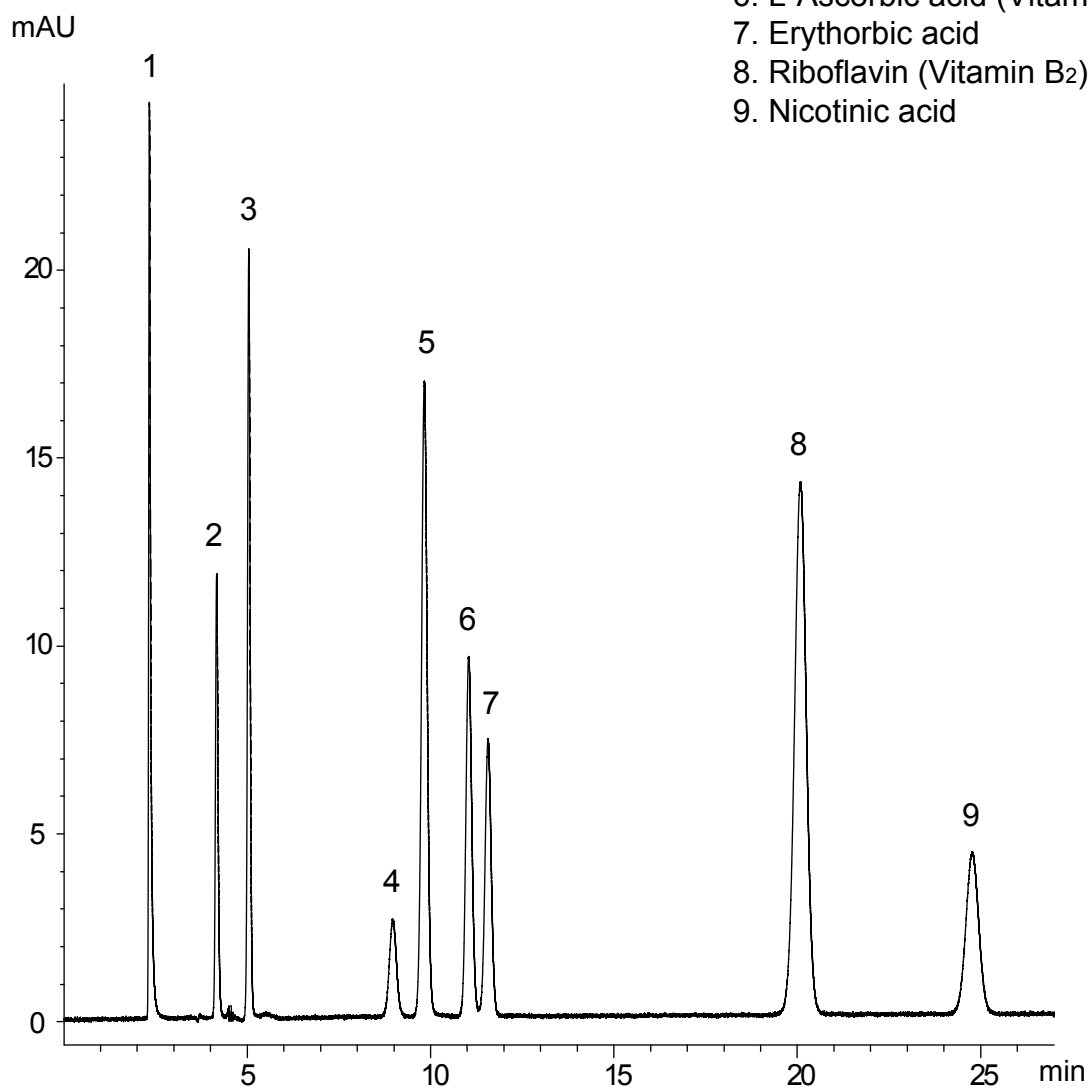


水溶性ビタミン (食品中の食品添加物分析法準拠)

Water-soluble vitamins

R100315D

1. Thiamine HCl (Vitamin B₁)
2. Pyridoxine HCl (Vitamin B₆)
3. Nicotinamide
4. Cyanocobalamin (Vitamin B₁₂)
5. L-Ascorbic acid 2-glucoside
6. L-Ascorbic acid (Vitamin C)
7. Erythorbic acid
8. Riboflavin (Vitamin B₂)
9. Nicotinic acid



Column : YMC-Triart C18 (5 μ m, 12 nm)
250 X 4.6 mm I.D.

Eluent : phosphate buffer*/acetonitrile (90/10)
*Dissolve 1.4 g KH₂PO₄ in 800 mL water → add 26 mL 10% TBA•OH
→ adjust pH 5.2 by 20% H₃PO₄ → add water to make 1000 mL

Flow rate : 0.8 mL/min

Temperature : 40°C

Detection : UV at 260 nm

Injection : 10 μ L (5 μ g/mL)