



1. Thiamine HCl (Vitamin B₁)
2. Pyridoxine HCl (Vitamin B₆)
3. Nicotinamide
4. Caffeine
5. Flavin mononucleotide sodium salt (Vitamin B₂)

Column : Hydrosphere C18 (5 μ m, 12nm)
 150 \times 4.6 mm I.D.
 Eluent : A) 50mM KH₂PO₄-H₃PO₄(pH3.5)
 B) 50mM KH₂PO₄-H₃PO₄(pH3.5)/acetonitrile (80/20)
 0-90%B(0-20min), 90%B(20-30min)
 Flow rate : 1.0 mL/min
 Temperature : 30 $^{\circ}$ C
 Detection : UV at 254 nm, 0.32AUFS
 Injection : 15 μ L
 Sample : 5 times dilution with water