



Vitamin B12

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standard : 15 ppb

sample : 1.5 ng

Conditions of Primary separation

Precolumn CAPCELL PAK C18 UG120 S5 : 2.0 mm i.d.×35 mm

Mobile phase 0.1mol/L Phosphate buffer

Flow rate 300 μ L/min

Temperature R.T.

Detect UV

Inj. vol. 100 μ L

Conditions of Final separation

Analytical column CAPCELL PAK C18 UG80 S5 : 1.5 mm i.d.×250 mm

Mobile phase 0.1mol/L Phosphate buffer (pH3, NaOH) / CH₃CN = 88 / 12

Flow rate 100 μ L/min

Temperature 40 °C

Detect

UV 261 nm