

Vitamin B₁₂ Analysis In Tablet-Switching System

1. Analytical Condition

YL 9100 HPLC

Column : Preconditioning column C8, 4.6X150mm, 5 μ m

Intermediate column C18, 2.0X35mm, 5 μ m

Analysis column C18, 1.5X250mm, 5 μ m

Detector : UV/Vis Wavelength : 361nm

Mobile phase : 1) 10mM NaH₂PO₄ + 10mM Na₂HPO₄= pH6.7-6.8 -> For preconditioning

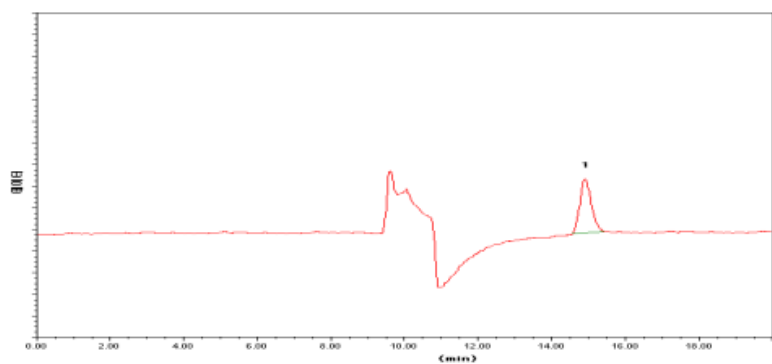
2) MeOH : Solution no. 1) = 23:77

Flow rate : 0.4-0.5ml/min for preconditioning, 0.1ml/min for analysis

Switching time : 4.0 ~ 6.0min, Injection volumn : 200ul

2. Chromatogram

Standard



1. Vitamin B₁₂

Sample

