

# Vitamin D in Tablets by Switching Valve System

## 1. Analytical Condition

### Vitamin Analyzer

#### \* Analytical Condition

Mobile Phase & Flow Rate : Pump 1 → ACN: Water=75:25, 0.5ml/min

Pump 2 → ACN 100%, 0.3ml/min

Column Oven : 35°C

Detector : UV/Vis 265 nm

Injection Volume : 50uL

Column Pre-column : Agilent Zorbax Phenyl 4.6\*150, 5um

Trapping column : Zorbax Eclipse Plus C18 2.1\*50mm, 5um

Analytical Column : Zorbax Eclipse XDB C18 2.1\*150mm, 3.5um

Valve Switching Time: 17.5min(P2), 20.5min(P1)

## 2. Chromatogram

