

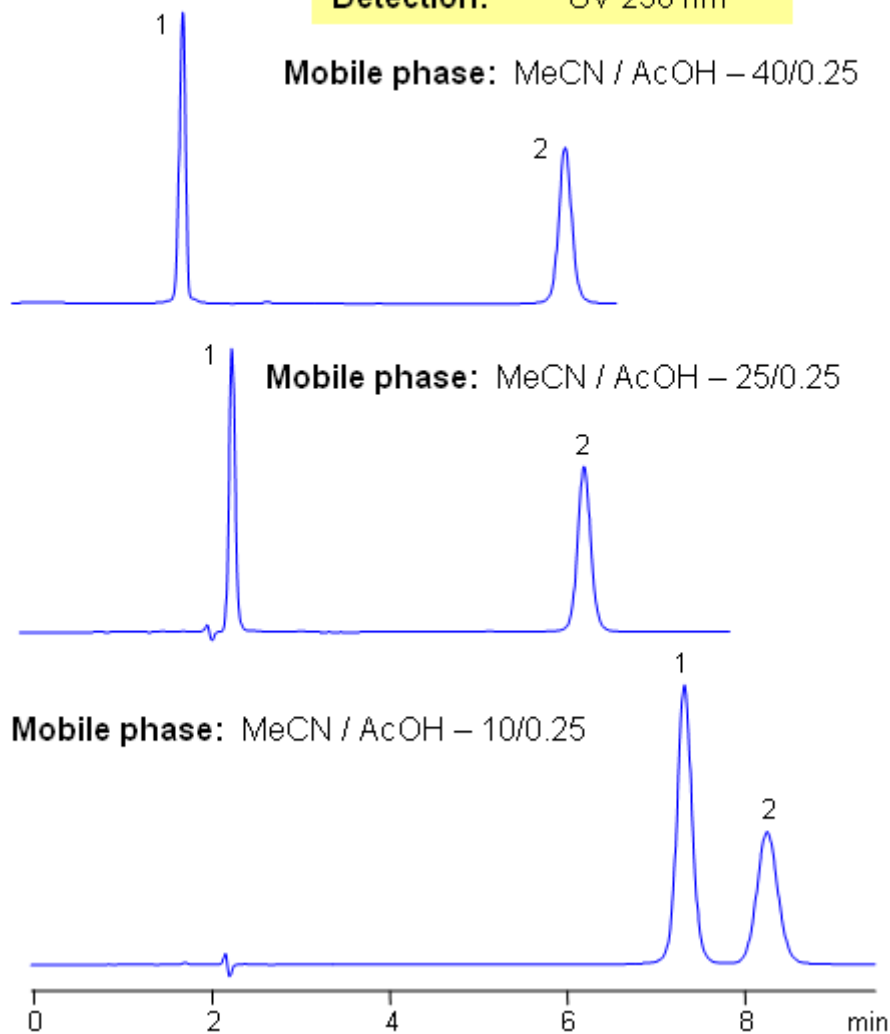
# Separation of Vitamins in Mixed-Mode HPLC

<https://sielc.com/Application-Separation-of-Vitamins-in-Mixed-Mode-HPLC>

## Chromatogram

1. Vitamin C
2. Vitamin B2

**Column:** Primesep D  
**Size:** 4.6 x 150 mm  
**Flow:** 1.0 mL/min  
**Detection:** UV 250 nm



## Description

Separation of Vitamin B2 and Vitamin C is demonstrated on a Primesep D mixed-mode column. This column can be used for analysis of other hydrophobic or neutral vitamins and supplements.

## Method Parameters

<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O
<b>Buffer</b>	Acetic Acid
<b>Flow Rate</b>	1.0 ml/min
<b>Detection</b>	UV, 250 nm

**Class of Compounds**

Drug, Vitamin B■, Hydrophobic, Ionizable

**Analyzing Compounds**

Vitamins C (ascorbic acid) and B2 (riboflavin)

**HPLC Column Used****Primesep D , 4.6×150 mm, 5 µm, 100A**[Order this column at hplc-shop.de →](http://hplc-shop.de)