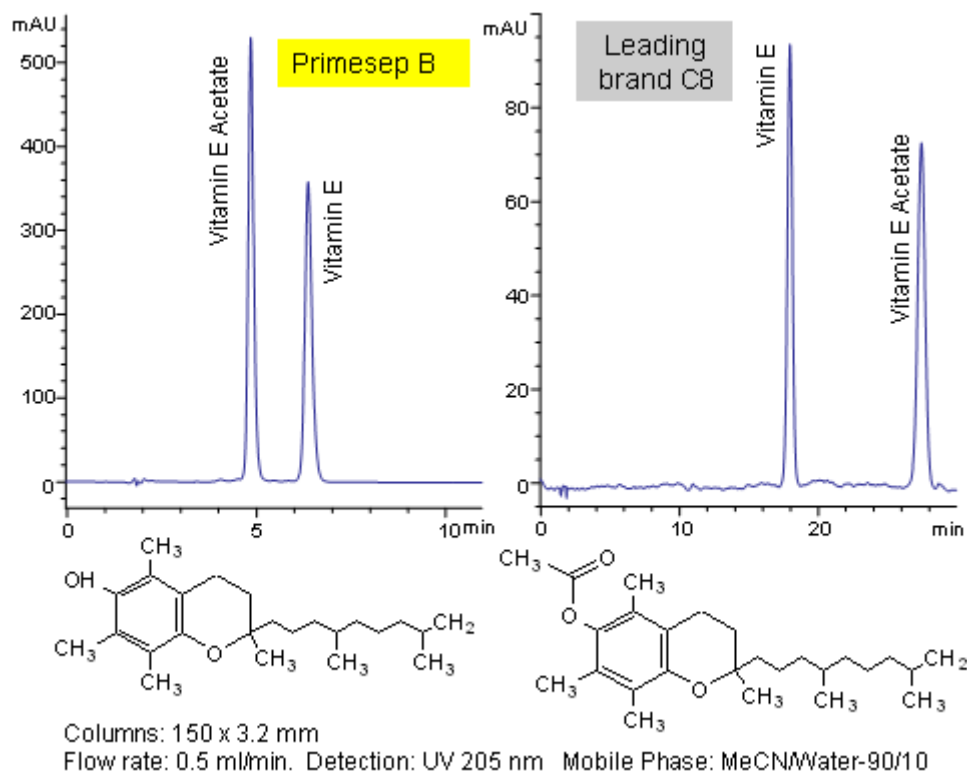


HPLC Separation of Vitamin E and Vitamin E Acetate on Primesep B Column

<https://sielc.com/Application-HPLC-Separation-of-Vitamin-E-and-Vitamin-E-Acetate>

Chromatogram



Description

Primesep B separates Vitamin E and Vitamin E acetate with reversed peak order of a traditional C8 column. The different selectivity is due to an embedded basic functional group on the stationary phase which contributes polar interactions to the separation. Excellent peak shape results with a mass spec compatible mobile phase of water and acetonitrile (MeCN, ACN) with UV detection at 205 nm.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 90/10%
Flow Rate	0.5 ml/min
Detection	UV 205
Class of Compounds	Vitamins, Hydrophilic, Ionizable
Analyzing Compounds	Vitamin E, Vitamin E Acetate

HPLC Column Used

Primesep B, 3.2x150 mm, 5 µm, 100A

[Order this column at hplc-shop.de →](http://hplc-shop.de)