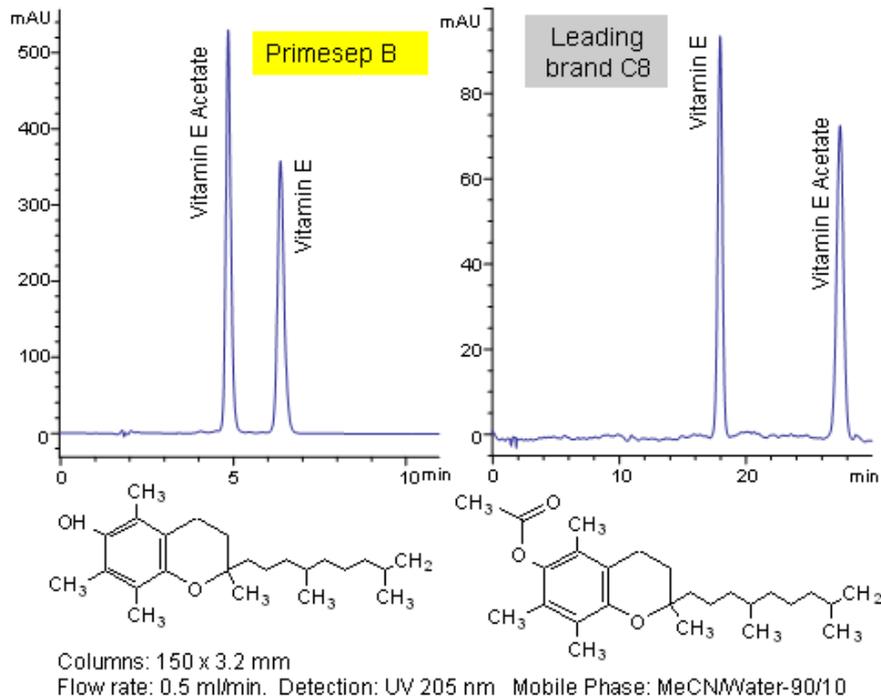


HPLC Separation of Vitamin E and Vitamin E Acetate on Primesep B Column



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

Column	Primesep B, 3.2x150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H ₂ O – 90/10%
Flow Rate	0.5 mL/min
Detection	UV 205

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