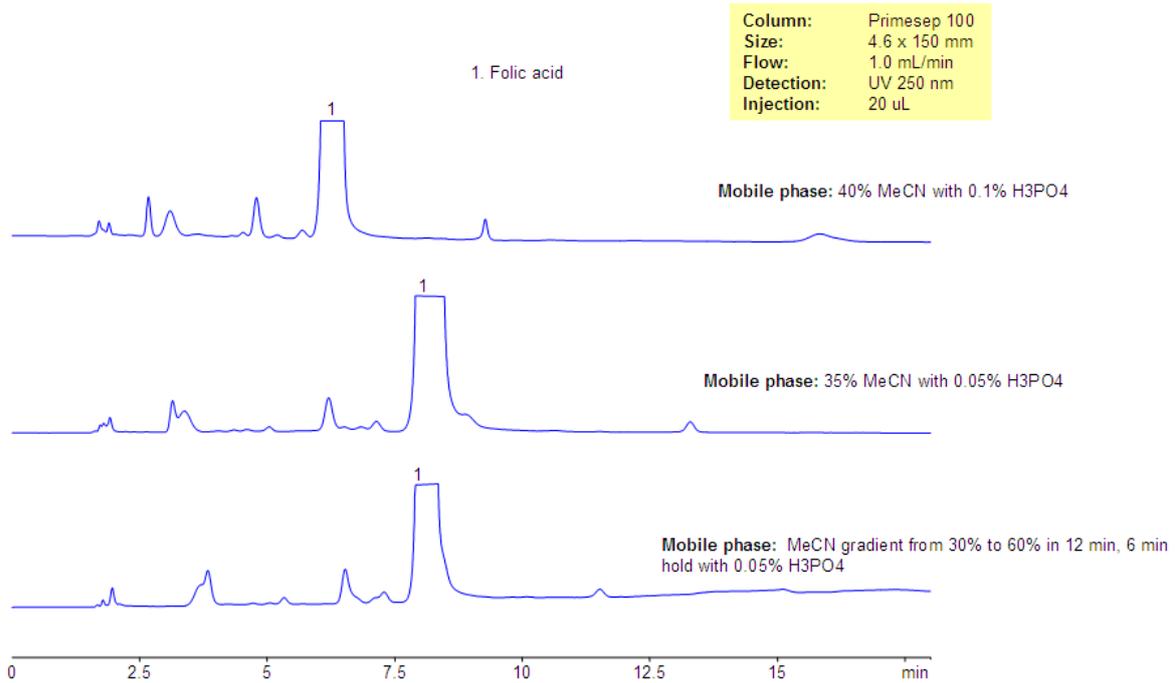


Analysis of Folic Acid and Related Impurities



Folic acid is a water-soluble vitamin. It belongs to Group B of vitamins. Folate is composed of the aromatic pteridine ring linked to para-aminobenzoic acid and one or more glutamate residues. Folic acid (Vitamin B9) and related impurities were analyzed on the Primesep 100 mixed-mode HPLC column. This column can be used for analysis of this and other water-soluble vitamins. Several impurities and folic acid are well separated. The method is robust and can be used for analysis of folic acid in supplements and other compositions.

Method Parameters

Column	Primesep 100, 4.6x150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H ₂ O
Buffer	H ₃ PO ₄
Flow Rate	1.0 mL/min
Detection	UV, 250 nm

Quelle: <https://sielc.com/Application-Analysis-of-Folic-Acid-and-Related-Impurities>