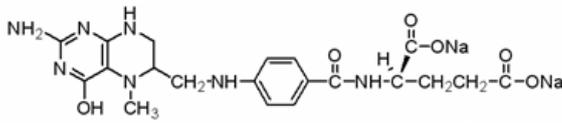
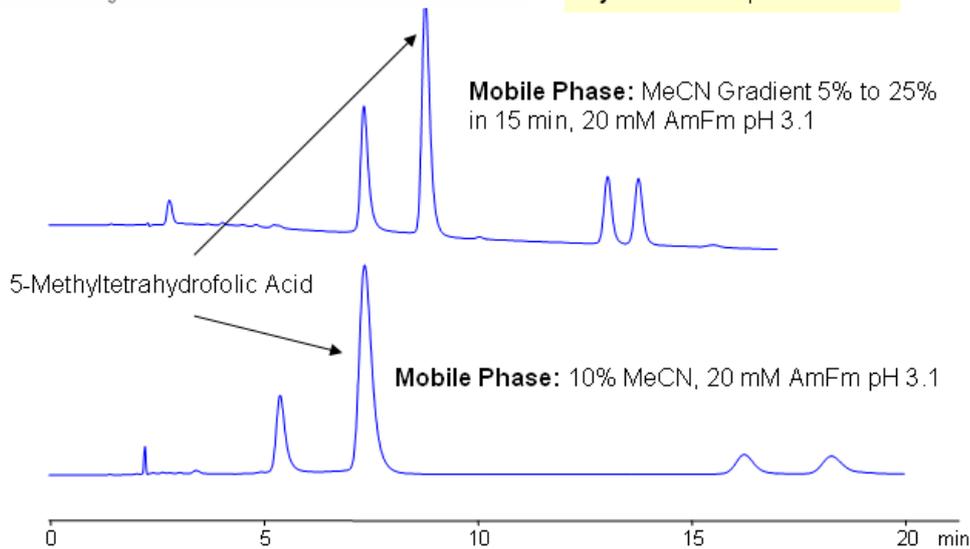


HPLC Separation of 5-Methyltetrahydrofolic Acid and Degradation Products



Column: Primesep SB
Size: 4.6 x 150 mm
Flow rate: 1.0 mL/min
Detection: UV 290 nm
Injection: 5 µL



5-MTHF is a form of folic acid, one of the B vitamins. Folic acid is an essential vitamin used in synthesis of genetic molecules (DNA, RNA) and for the metabolism of amino acids. The separation of 5-MTHF can be achieved using reverse-phase (RP) Primesep SB column by hydrophobic, anion-exchange and ion-exclusion mechanisms. The method can be used for quality control (QC), research and development (R&D), etc. Fine tuning can be achieved with variations in mobile phase, pH and buffer selection. UV detection at 290nm.

Method Parameters

Detection	ELSD Detection
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Quelle: <https://sielc.com/Application-HPLC-Separation-of-5-Methyltetrahydrofolic-Acid-and-Degradation-Products>