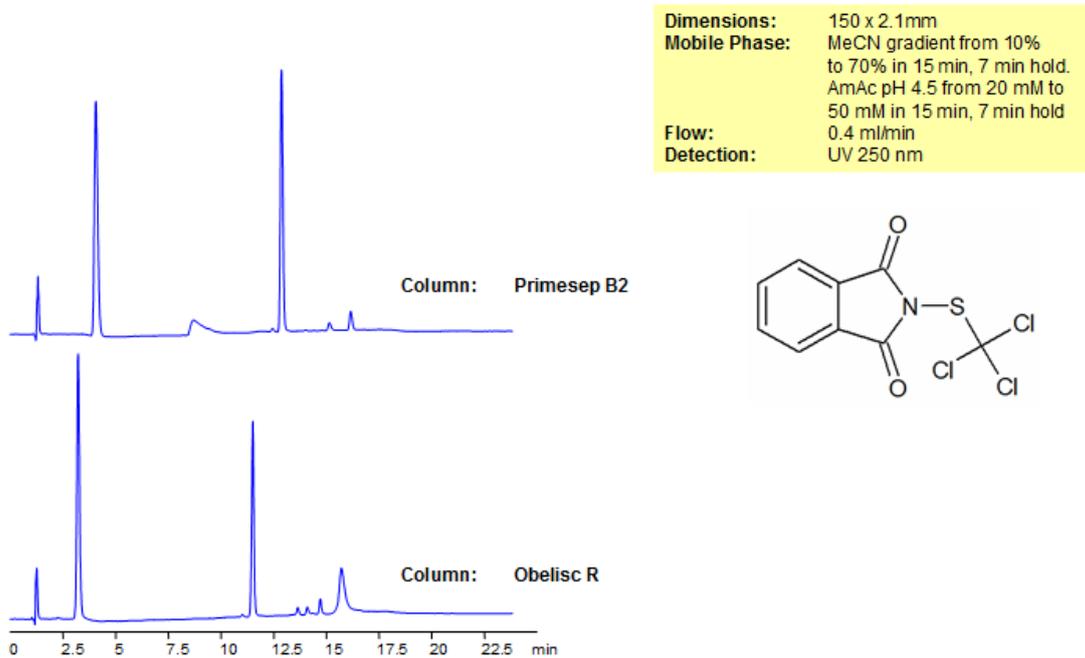


HPLC Separation of Folpet on Obelisc and Primesep Mixed-Mode Primesep B2 Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of Folpet .

Folpet is a nonsystemic fungicide which is used to prevent apple scab, cherry leaf spot, rose black spot, and rose mildew. A method for folpet was provided by the EURL-SRM, a proficiency test for single residue methods developed by the European Union Reference Laboratory. Folpet was retained and separated from impurities with Obelisc R and Primesep B2 columns. Primesep B2 contains embedded basic ion-pairing groups and Obelisc R contains embedded ionic and hydrophobic groups which can assist in fine tuning separations. Method can be used for dozens of other pesticides and is LC/MS compatible.

Method Parameters

Column	Primesep B2, 2.1 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	Gradient MeCN – 10-70%, 15 min, 7 min hold
Buffer	Gradient AmAc pH 4,5- 20-50 mM, 15 min, 7 min hold
Flow Rate	0.4 mL/min
Detection	UV, 250 nm

Quelle: <https://sielc.com/Application-HPLC-Separation-of-Folpet-on-Obelisc-and-Primesep-Mixed-Mode-Columns>