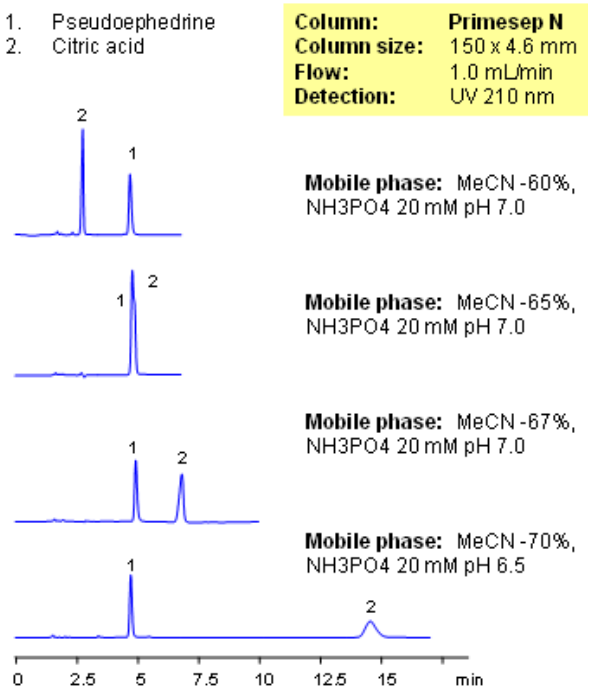
HPLC Analysis of Pseudoephedrine and Citric Acid on Primesep Column



Pseudoephedrine is a drug used in cough and cold compositions. One of the preservatives in solutions of pseudoephedrine is citric acid. Both compounds are hydrophilic in nature, with pseudoephedrine being a basic compound and citric acid an acidic compound. Separation of these two compounds is achieved on a Primesep N column. Compounds are separated by combination of HILIC, cation-exchange and anion-exclusion mechanisms. Pseudoephedrine and citric acid are monitored by UV. This HPLC method can be adopted as generic approach for analysis of pseudoephedrine and other hydrophilic drugs and preservatives in mixtures.

Method Parameters

Detection	UV Detection

Quelle: https://sielc.com/Application-HPLC-Analysis-of-Pseudoephedrine-and-Citric-Acid-on-Primesep-Column

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