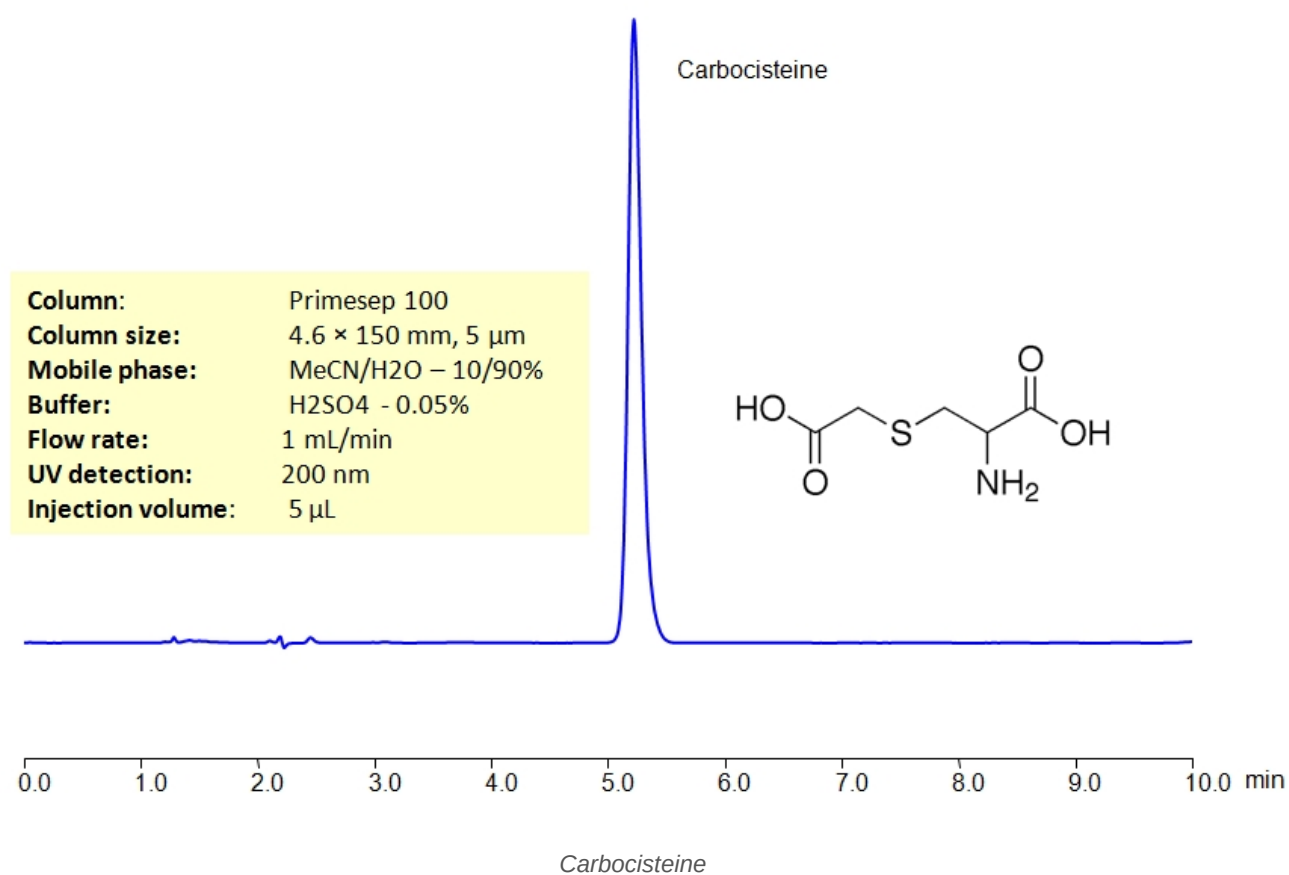


HPLC Determination of Carbocisteine on Primesep 100 Column

<https://sielc.com/hplc-determination-of-carbocisteine>

Chromatogram



Description

High Performance Liquid Chromatography (HPLC) Method for Analysis of Carbocisteine , S-(Carboxymethyl)-L-cysteine .

Carbocisteine, or carbocysteine, is a drug designed to clear the mucus from the upper and lower airways. It's primarily available in tablet form. It can be retained on a Primesep 100 Column in about 5 minutes. Primesep 100 is a reverse-phase (RP) mixed-mode column with embedded acidic ion-pairing groups.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 10/90%
Buffer	H ₂ SO ₄ – 0.05 %
Flow Rate	1.0 ml/min
Detection	UV, 200 nm
Class of Compounds	Acid, Hydrophilic, Ionizable, Carboxylic acid, Drug, Carbocyclic, Amino acid
Analyzing Compounds	Carbocisteine,S-(Carboxymethyl)-L-cysteine

HPLC Column Used

Primesep 100

[Order this column at hplc-shop.de](https://www.hplc-shop.de) →