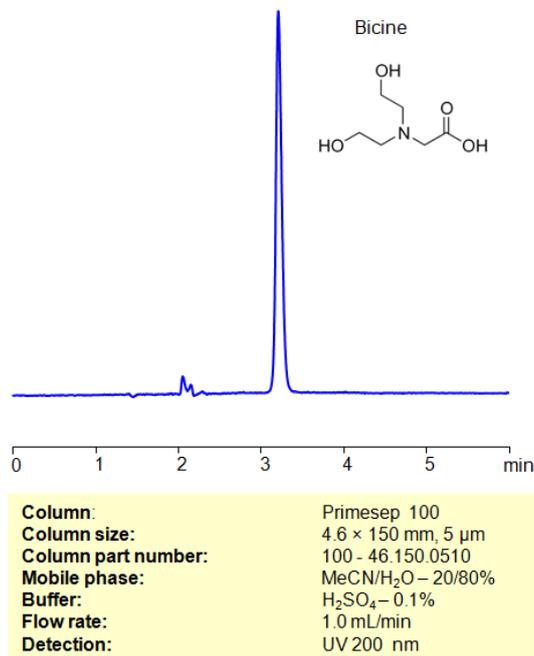


HPLC Method for Analysis of Bicine on Primesep 100 Column



Separation type: Liquid Chromatography Mixed-mode

High Performance Liquid Chromatography (HPLC) Method for Analysis of Bicine

Bicine is a common organic buffering agent used in low temperature conditions. It is one of many buffering agents known as “Good’s buffers,” and like many of them, Bicine is zwitterionic. Bicine can be retained and analyzed on a mixed-mode Primesep 100 column with a mobile phase consisting of water, Acetonitrile (MeCN), and Sulfuric acid (H₂SO₄). This analytical method can be UV detected at 200 nm with high resolution and peak symmetry

Method Parameters

Column	Promesep 100, 4.6x150 mm, 100 Å
Mobile Phase	MeCN – 20%
Buffer	H ₂ SO ₄ – 0.1%
Flow Rate	1.0 mL/min
Detection	UV 200 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-bicine>