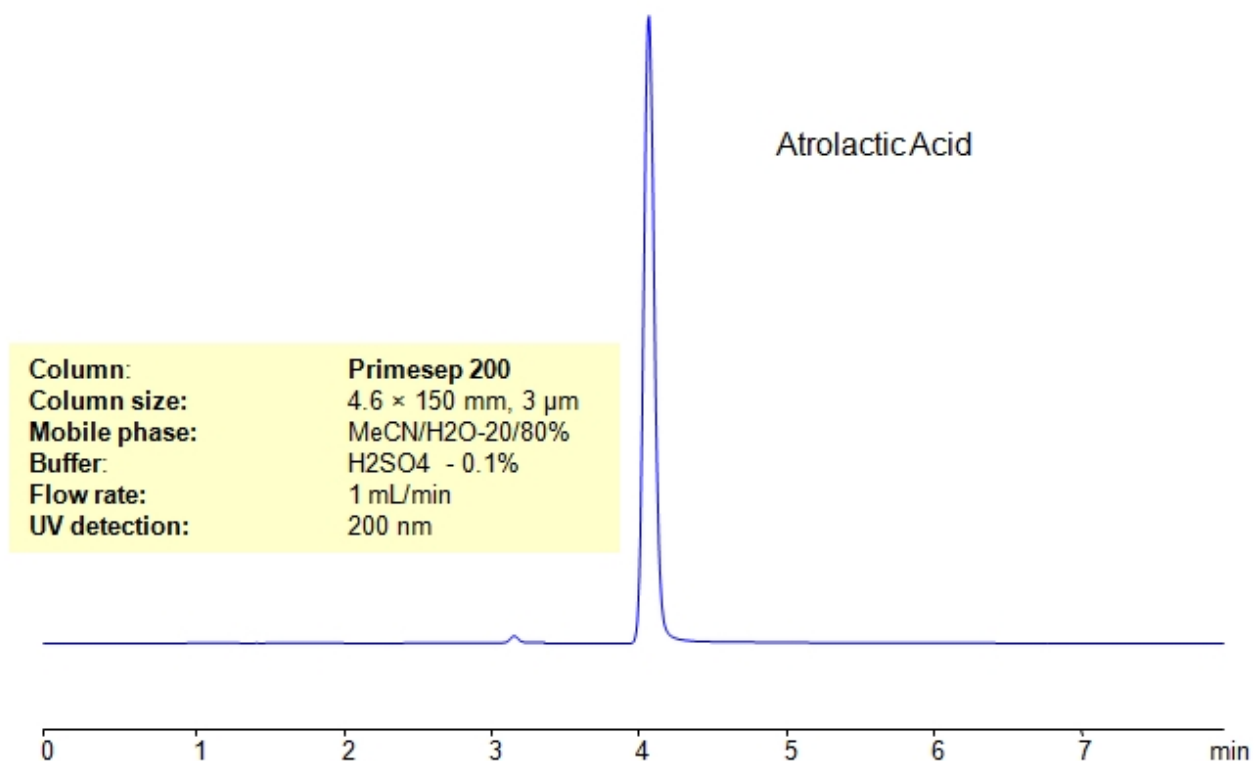


HPLC Determination of Atrolactic Acid on Primesep 200 Column

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

Chromatogram



Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Atrolactic Acid .

Atrolactic Acid is a 2-hydroxy monocarboxylic acid with the chemical formula C₉H₁₀O₃. It can cause irritation to eyes, skin, and the respiratory system.

Atrolactic Acid can be retained and analyzed using the Primesep 200 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a [buffer] buffer. Detection is performed using UV.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 20/80%
Buffer	H ₂ SO ₄ – 0.1%
Flow Rate	1.0 ml/min
Detection	UV, 200 nm
Class of Compounds	Drug, Acid, Hydrophobic

HPLC Column Used

Primesep 200, 4.6 x 150 mm, 3 µm, 100 Å, dual ended

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