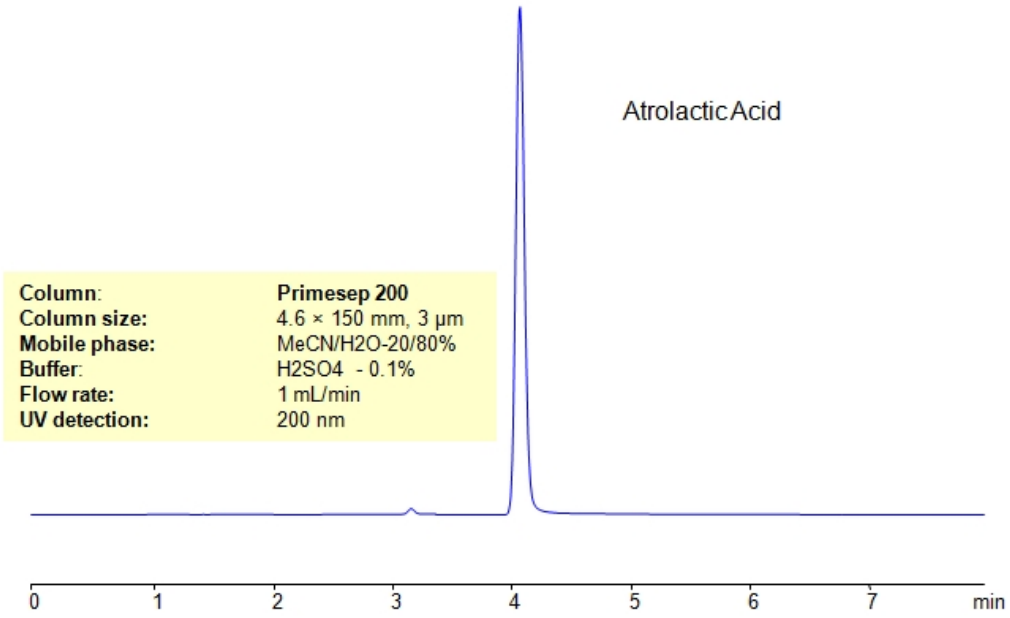
HPLC Determination of Atrolactic Acid on Primesep 200 Column



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

Column	Primesep 200, 4.6 x 150 mm, 3 µm, 100 Å, dual ended
Mobile Phase	MeCN/H2O – 20/80%
Buffer	H2SO4 – 0.1%
Flow Rate	1.0 mL/min
Detection	UV, 200 nm

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