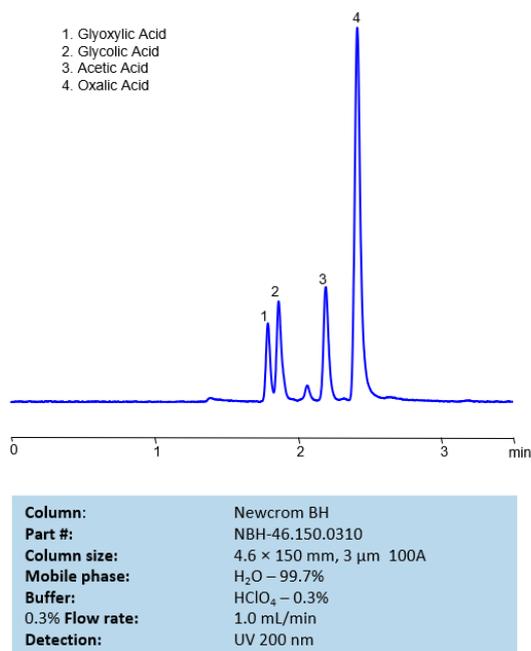


HPLC Method for Analysis of Dicarbon Carboxylic Acids on Newcrom BH Column



Separation type: Liquid Chromatography Mixed-mode

These four acids be separate and analyzed on a reverse-phase Newcrom BH, 4.6 x 150 mm, 3 µm, 100 Å, dual ended column with a mobile phase consisting of water and perchloric acid as a buffer modifier. This analysis method can be UV detected at 200 nm.

Method Parameters

Column	Newcrom BH, 4.6 x 150 mm, 3 µm, 100 Å, dual ended
Mobile Phase	H ₂ O -99.7%
Buffer	HClO ₄ – 0.3
Flow Rate	1.0 mL/min
Detection	UV 200 nm

Quelle: <https://sielc.com/hplc-separation-of-dicarbon-acids>