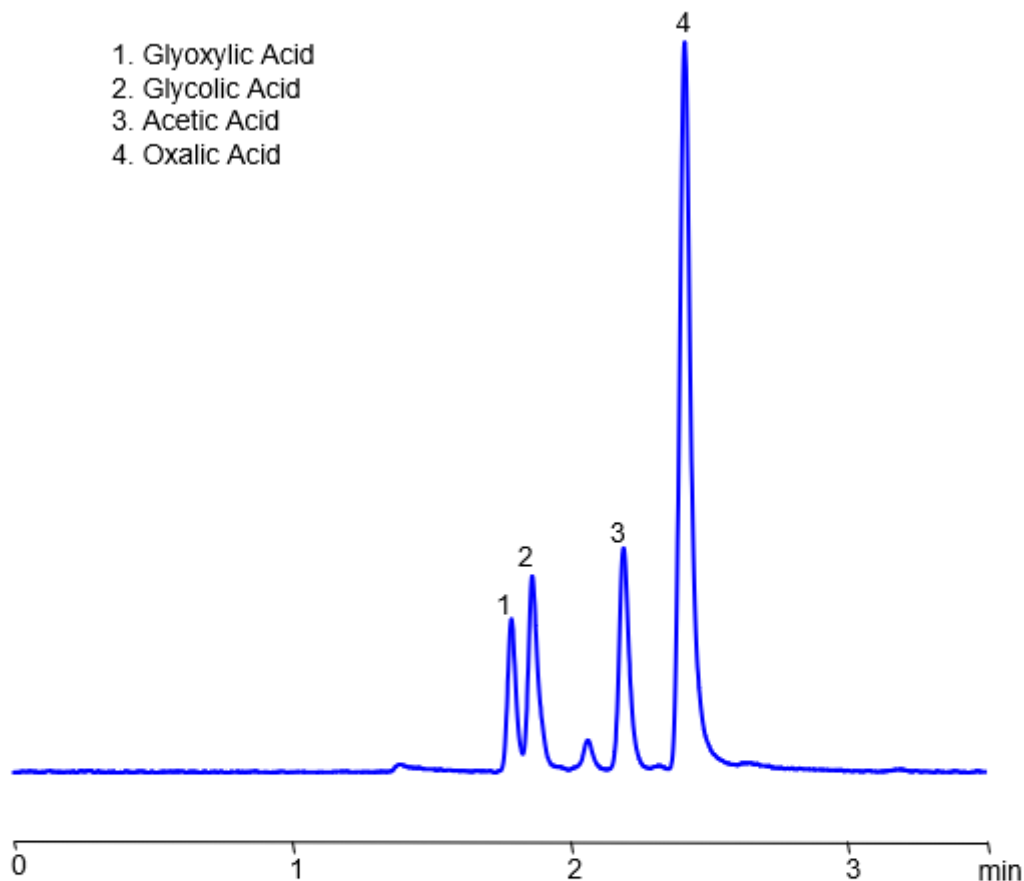


HPLC Method for Analysis of Dicarboxylic Acids on Newcrom BH Column

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

Chromatogram



Column:	Newcrom BH
Part #:	NBH-46.150.0310
Column size:	4.6 × 150 mm, 3 μm 100A
Mobile phase:	H ₂ O – 99.7%
Buffer:	HClO ₄ – 0.3%
Flow rate:	1.0 mL/min
Detection:	UV 200 nm

Description

· 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 A, 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

Mobile Phase	H2O -99.7%
Buffer	HClO4 – 0.3
Flow Rate	1.0 ml/min
Detection	UV 200 nm
Class of Compounds	Dicarbon Carboxylic Acids
Analyzing Compounds	Oxalic Acid,Glycolic acid,Acetic Acid,Glyoxylic acid

HPLC Column Used

Newcrom BH, 4.6 x 150 mm, 3 µm, 100 A, dual ended

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