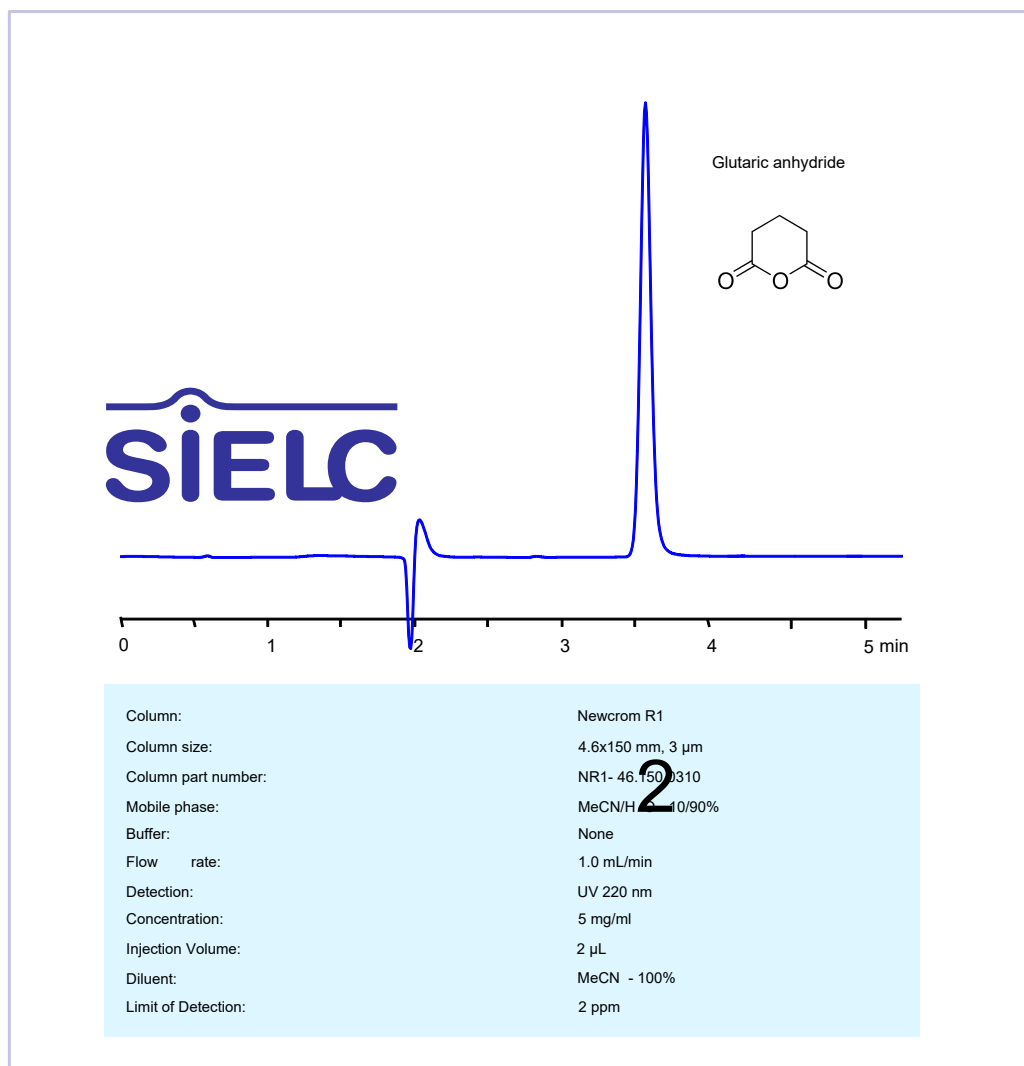


HPLC Method for Analysis of Glutaric Anhydride on Newcrom R1 Column

<https://sielc.com/hplc-method-for-analysis-of-glutaric-anhydride>

Chromatogram



Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Glutaric anhydride .

Glutaric Anhydride is a common intermediate with the chemical formula $C_5H_6O_3$. It is used in the production of pharmaceuticals, corrosion inhibitors, and polymers. You can find detailed UV spectra of Glutaric anhydride and information about its various lambda maxima by visiting the following link.

Glutaric anhydride can be separated and analyzed on a Newcrom R1 reverse-phase column using a simple gradient analytical method with a mobile phase consisting of just Acetonitrile (MeCN) and water (with no ionic modifier). This analysis method can be UV detected at 220 nm with high resolution and peak symmetry.

Method Parameters

Mobile Phase	MeCN – 10%
Buffer	No
Flow Rate	1.0 ml/min

Detection	UV 220 nm
Class of Compounds	Anhydride
Analyzing Compounds	Glutaric anhydride

HPLC Column Used

Newcrom R1, 4.6 x 150 mm, 3 µm, 100 Å, dual ended

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