

## HPLC Method for Analysis of Glutaric Anhydride on Newcrom R1 Column



Separation type: Liquid Chromatography Reverse Phase.

High Performance Liquid Chromatography (HPLC) Method for Analysis of Glutaric Anhydride

Glutaric Anhydride is a common intermediate used in the production of pharmaceuticals, corrosion inhibitors, and polymers. 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

<b>Column</b>	Newcrom R1, 4.6 x 150 mm, 3 $\mu$ m, 100 Å, dual ended
<b>Mobile Phase</b>	MeCN – 10%
<b>Buffer</b>	No
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	UV 220 nm

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