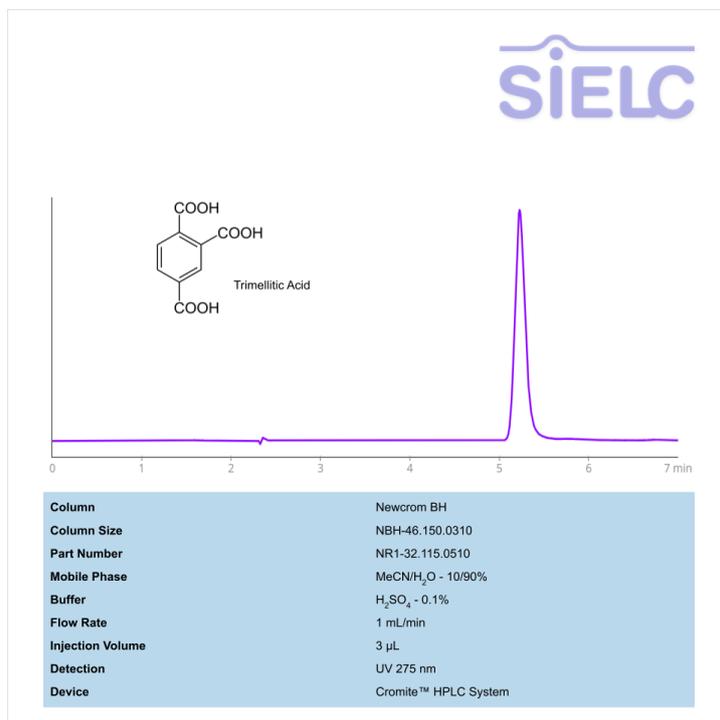


## HPLC Method for Analysis of Trimellitic Acid on Newcrom BH Column on Alltesta™



### High Performance Liquid Chromatography (HPLC) Method for Analysis of Trimellitic Acid

Trimellitic Acid is an isomer of benzenetricarboxylic acid with the chemical formula C<sub>9</sub>H<sub>6</sub>O<sub>6</sub>. It is primarily used as carboxylate ligand in the synthesis of a wide range of metal-organic frameworks (MOFs).

Trimellitic Acid can be retained and analyzed using the Newcrom BH stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with sulfuric acid as a buffer. Detection is performed using UV.

### Method Parameters

<b>Column</b>	Newcrom BH, 4.6 x 150 mm, 3 µm, 100 Å, dual ended
<b>Mobile Phase</b>	MeCN – 10%
<b>Buffer</b>	Sulfuric Acid
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	UV 275 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-trimellitic-acid>