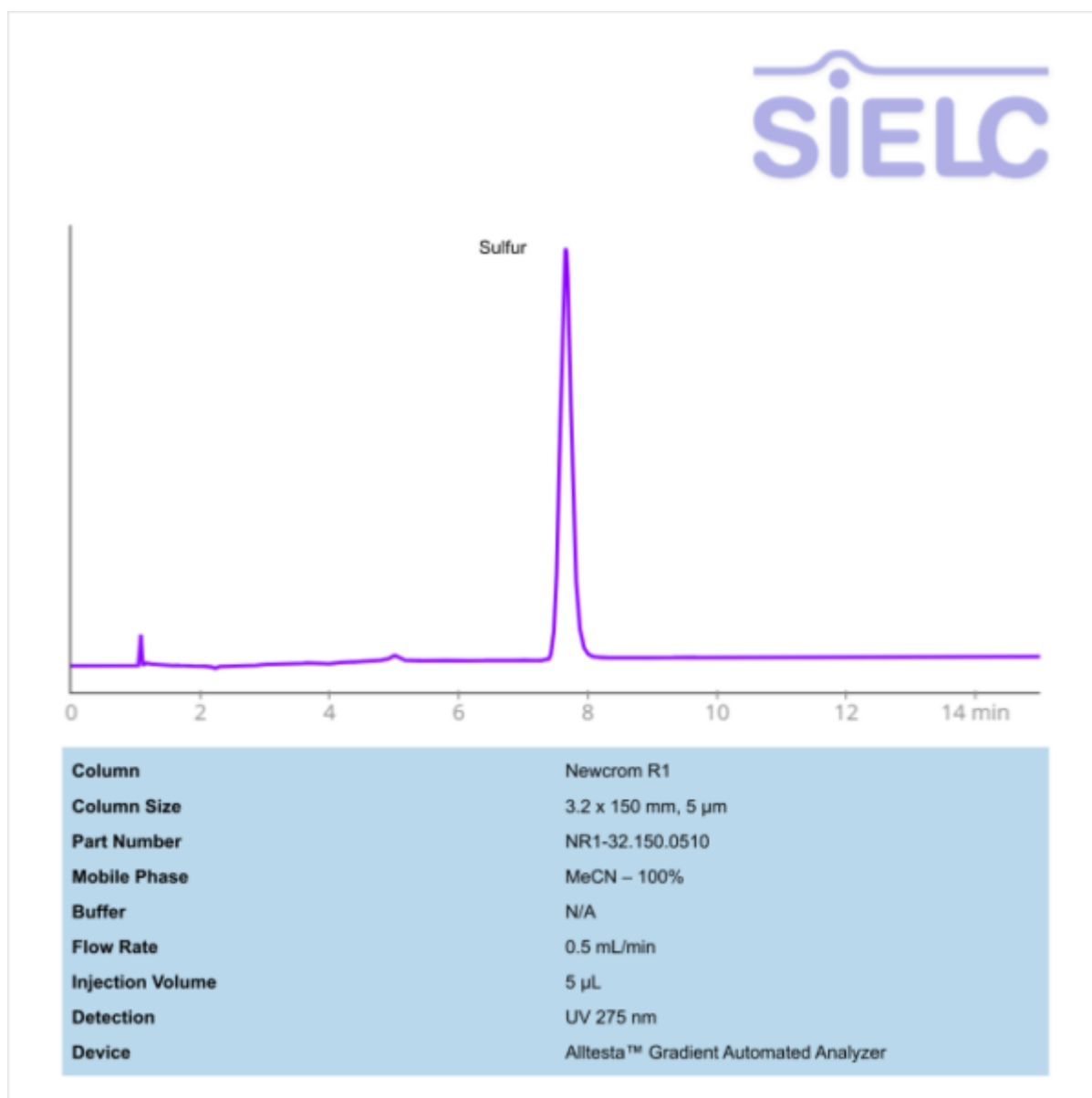


HPLC Method for Analysis of Sulfur on Newcrom R1 Column on Alltesta™

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

Chromatogram



Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Sulfur

Sulfur is a non-metal with the symbol S and atomic number 16 . Elemental sulfur is a yellow crystal at room temperature. It is one of the most abundant elements on Earth and in the universe. It is used primarily as a precursor to other chemicals or is converted to sulfuric acid.. You can find detailed UV spectra of Sulfur and information about its various lambda maxima by visiting the following link.

Sulfur can be retained and analyzed using the Newcrom R1 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN). Detection is performed using UV.

Method Parameters

Mobile Phase	MeCN -100%
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Buffer	N/A
Flow Rate	0.5 mL/min
Detection	UV 275 nm
Class of Compounds	Element
Analyzing Compounds	Sulfur

HPLC Column Used

Newcrom R1, 3.2 x 150 mm, 5 µm, 100 A, dual ended

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