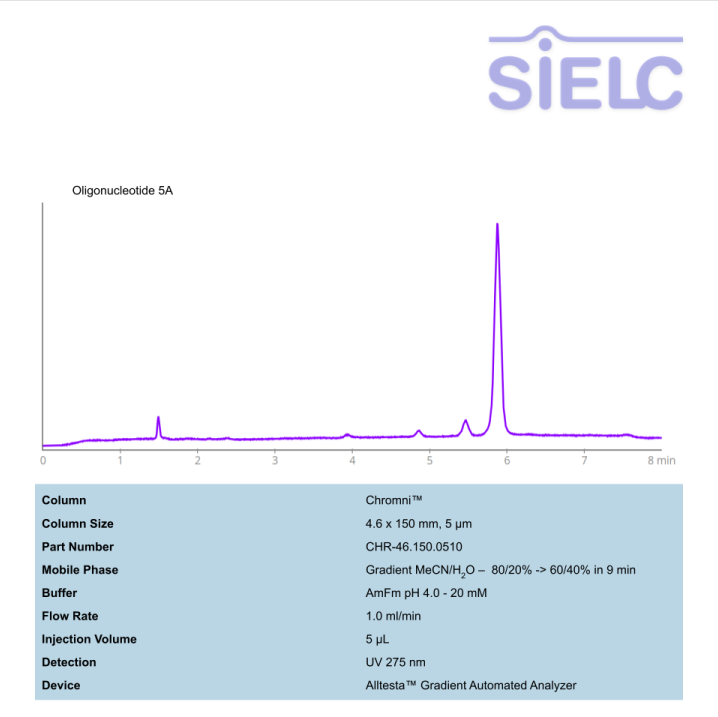
HPLC Method for Analysis of Oligonucleotide 5A on Chromni™ Column on Alltesta™



High Performance Liquid Chromatography (HPLC) Method for Analysis of Oligonucleotide 5 Å.

Oligonucleotide 5 Å is a small RNA molecule with a specific adenine sequence. They are primarily used to inhibit viral and cancer cell growth. In RNA synthesis, they are intermediates in enzymatic synthesis of capped RNAs.

Oligonucleotide 5 Å can be retained and analyzed using the Chromni stationary phase column. The analysis utilizes a gradient method with a simple mobile phase consisting of water and acetonitrile (MeCN) with an ammonium formate as a buffer. Detection is performed using UV.

Method Parameters

Column	Chromni, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	Gradient MeCN – 80-60%
Buffer	Ammonium Formate
Flow Rate	1.0 mL/min
Detection	UV 275 nm

Quelle: https://sielc.com/hplc-method-for-analysis-of-oligonucleotide-5a

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