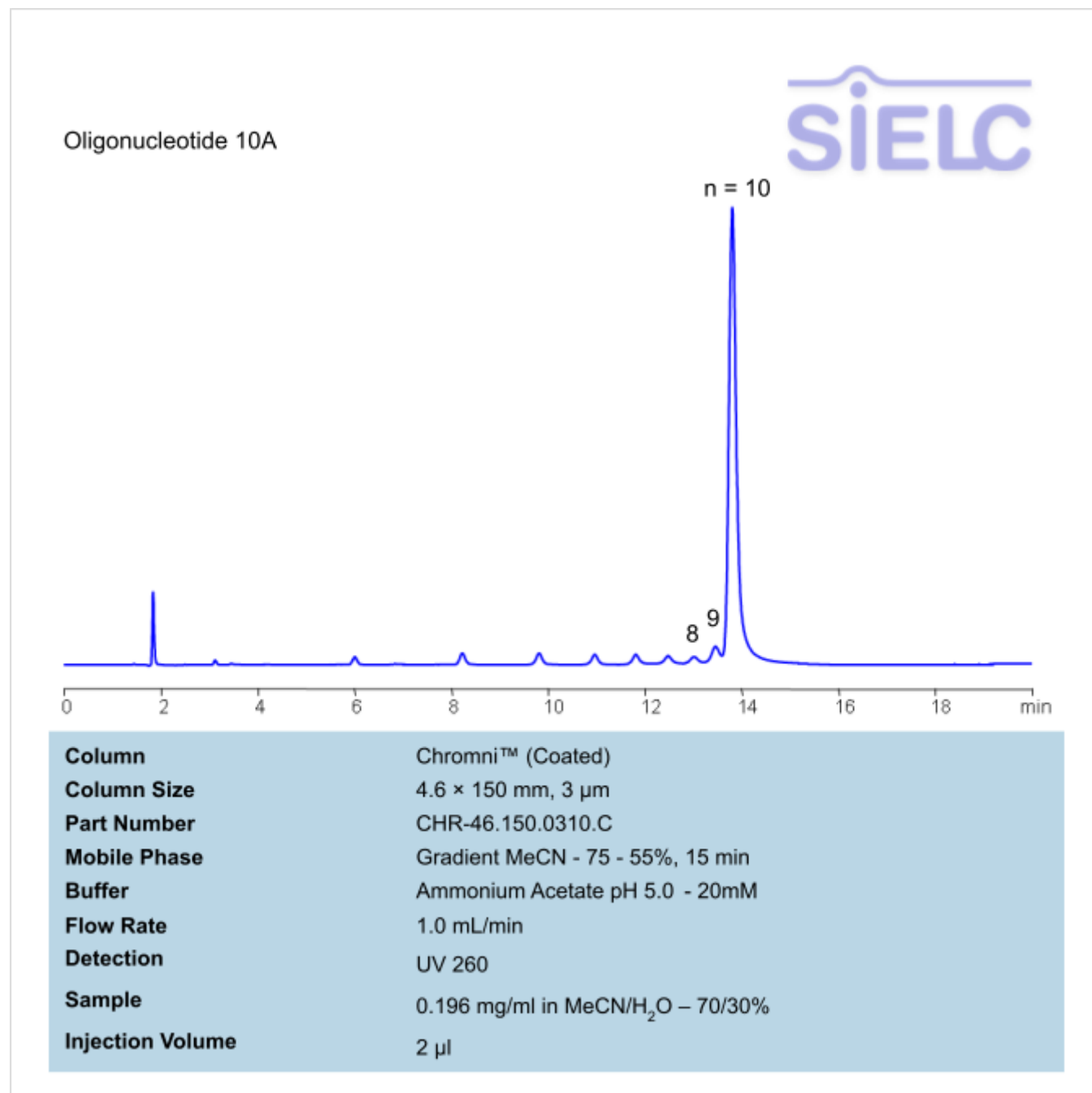


HPLC UV Method for Analysis of Oligonucleotide 10A on Chromni Column

<https://sielc.com/hplc-uv-analysis-of-oligonucleotide-10a>

Chromatogram



Description

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

Oligonucleotide 10A is a modified oligonucleotide used in screening gene libraries as well as research using PCR, DNA sequencing, labeled probes, plasmid construction, and genomic manipulations

Oligonucleotides 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 acetate as a buffer. Detection is performed using UV.

Method Parameters

Mobile Phase	Gradient MeCN – 75 – 55%, 15 min
Buffer	Ammonium Acetate pH 5.0 – 5mM
Flow Rate	1.0 ml/min
Detection	UV 260
Class of Compounds	Oligonucleotide
Analyzing Compounds	Oligonucleotides

HPLC Column Used

Chromni, 4.6 x 150 mm, 3 µm, 100 Å, surface coated

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