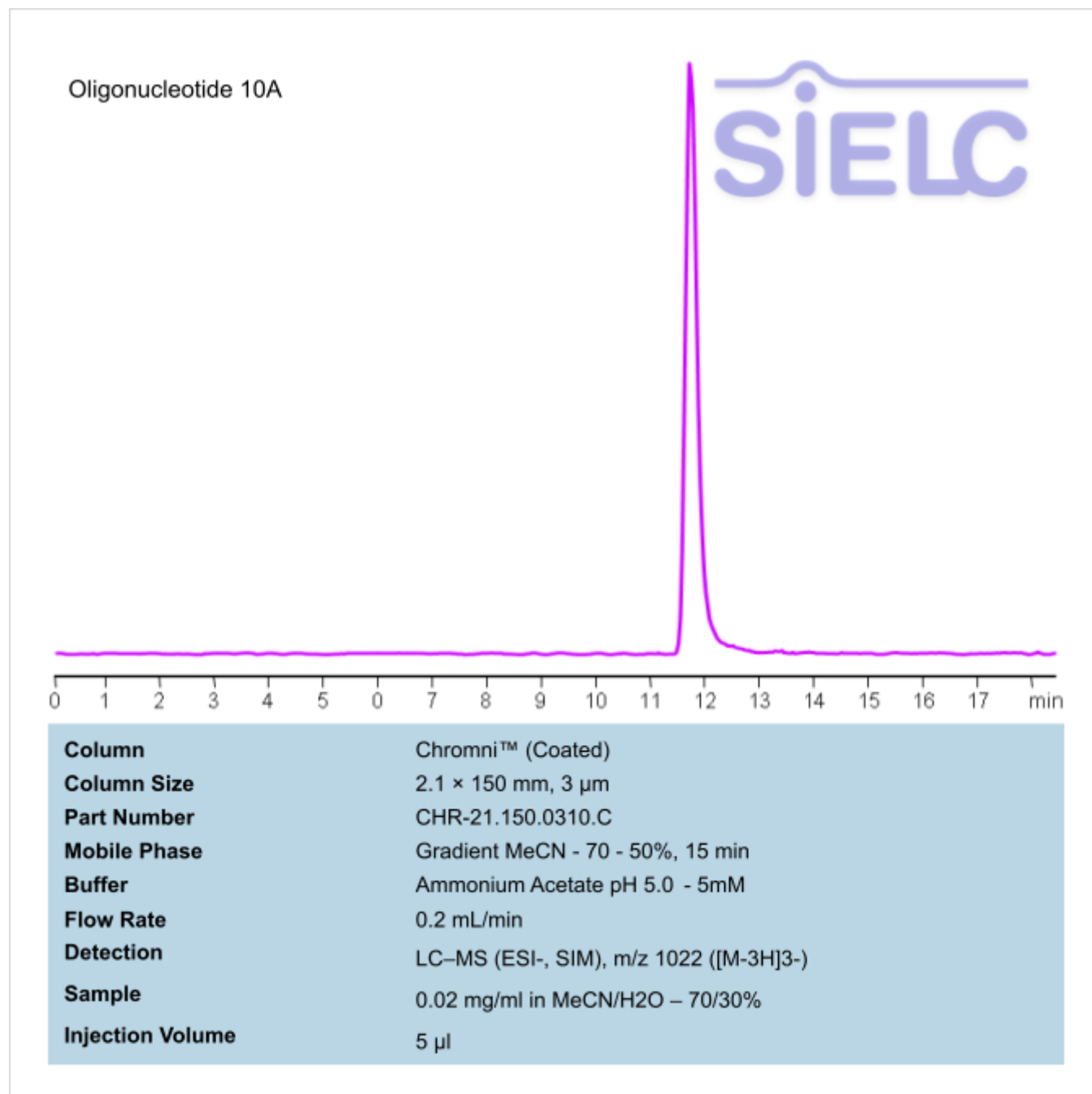


# HPLC MS Method for Analysis of Oligonucleotide 10A on Chromni Column

<https://sielc.com/hplc-ms-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 a ammonium acetate as a buffer. Detection is performed using UV.

## Method Parameters

<b>Mobile Phase</b>	MeCN – 70 – 50%, 15 min
<b>Buffer</b>	Ammonium Acetate pH 5.0 – 5mM
<b>Flow Rate</b>	0.2 ml/min
<b>Detection</b>	LC-MS
<b>Class of Compounds</b>	Oligonucleotide
<b>Analyzing Compounds</b>	Oligonucleotides

#### HPLC Column Used

**Chromni, 2.1 x 150 mm, 3 µm, 100 Å, surface coated**

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