

Oligo Name: **Oligo**
Oligo Lot Number: **N1-001001**
Customer: **Customer X**
PO Number: **PO1001**

Synthesis Specifications

Instrument ID: **NANDA 1**
DOM: **Oct-2023**

Sequence (5'-3')

5' - dA-dT-dC-dG-dA-dT-dC-dG-dA-dT-dC-dG-dA-dT-dC-dG - 3'

Sequence Specifications

Length: **16**
Molecular Weight (MW): **4881.2**
Extinction Coefficient (EC): **158.5**
ug/OD: **3.08**

Yield Specifications

Total Yield: **465.1mgs**
O.D. 260 Provided: **15100**
Observed Molecular Weight: **4881.1**
Deviation: **-0.1 Da (0%)**

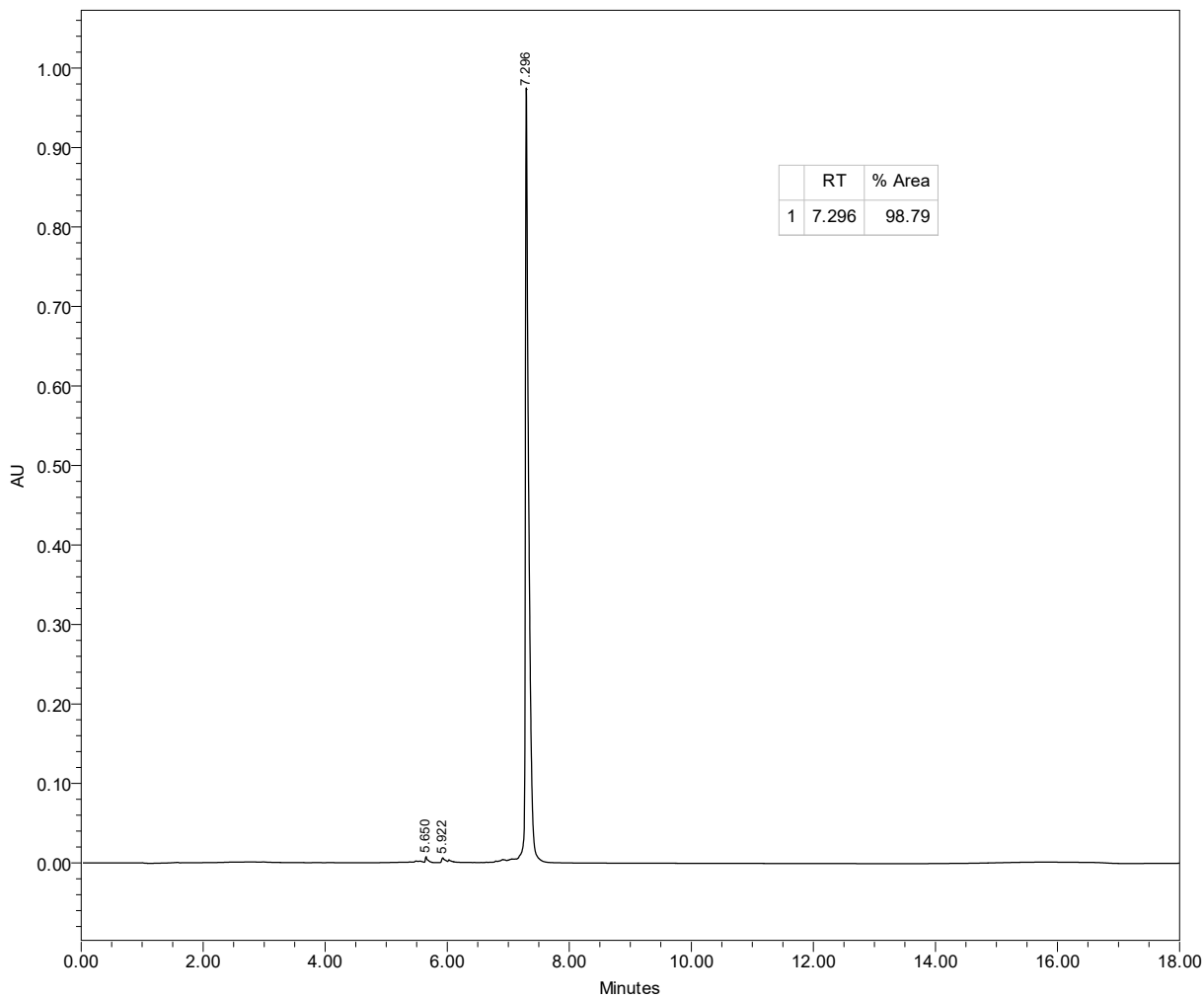
Purity Summary (See attached for details)

Customer Specifications: **HPLC Purity > 95%**
Pass/Fail: **Pass**
HPLC Purity: **98.79%**
Mass Spec Purity: **100.00%**
Endotoxin Level: **< 0.05 EU/mL**
Recommended Storage: **-20°C, Lyophilized**

Anion Exchange HPLC Analysis

Sample Name: Oligo
Sample Set Name: Oligo
Injection Volume: 50.00 ul
Run Time: 18.0 Minutes
Date Acquired: 1/6/2023 11:43:27 AM EST

Processing Method: Oligo Integration
Channel Name: ACQUITY TUV ChA
Proc. Chnl. Descr.: ACQUITY TUV ChA 260nm



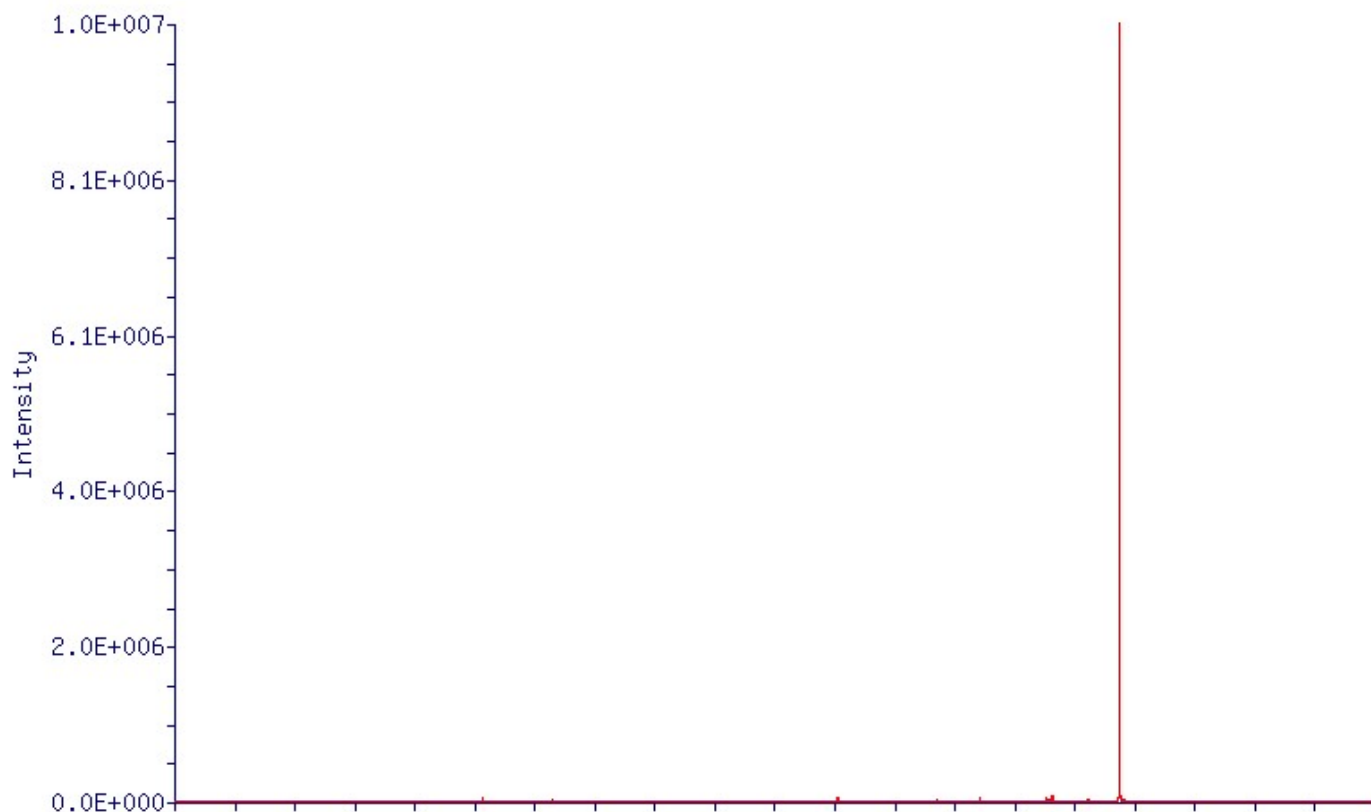
10/31/2023

Mass Spec Analysis

Sample ID: **Oligo**

Target Mass Summary

Target Mass (Da)	Observed Mass (Da)	Mass Error	Intensity	%Purity (Estimate)	Result Code
4881.2	4881.1	-0.1 Da (-0.002 %)	1.01E+007	100.00	



Mass (Da)	Intensity	Delta Mass	%Relative	%Total	Presumed Identity
4881.1	1.01E+007	0.0	100.00	100.00	Target Mass: 4881.2