



CERTIFICATE OF ANALYSIS

Agilent Product Name: Oligonucleotide Resolution Standard

Agilent Part No: 5190-9028

Lot or Batch No: 286105640

Expiration Date: 2020-JAN-17

Instructions

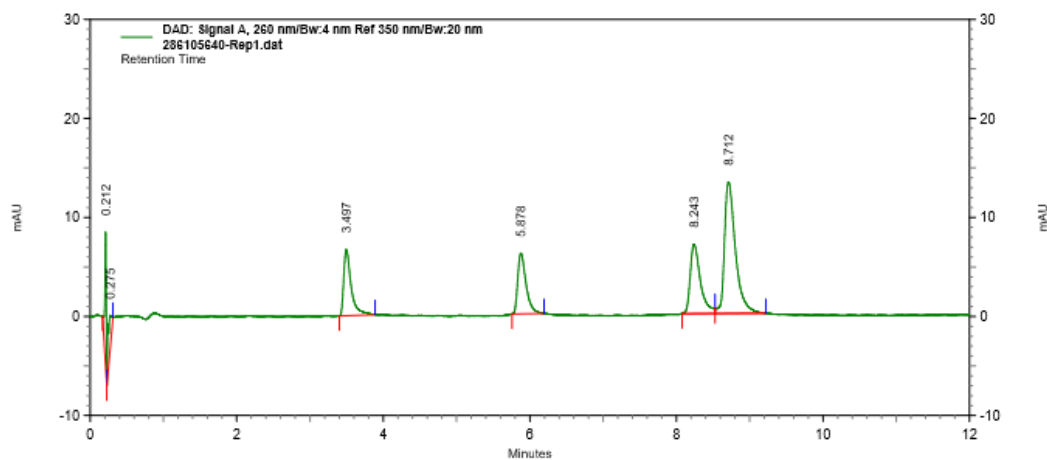
It is recommended to reconstitute the standard with 1000 µl of water

Product Specifications/Analysis

All individual oligonucleotides are purified by HPLC. Molecular weight is determined for each individual oligonucleotide using ESI mass spectrometry. Amount is determined by HPLC analysis of the mixture using an independently prepared calibration curve.

Sequence Name	Sequence	Purity Guarantee	Molecular Weight (Da)	Amount (nmole)
14mer	rCrArCrUrGrArArUrArCrCrArArU	85% _{>}	4397.9	2
17mer	rUrCrArCrArCrUrGrArArUrArCrCrArArU	85% _{>}	5339.0	2
20mer	rUrCrArUrCrArCrArCrUrGrArArUrArCrCrArArU	85% _{>}	6279.3	2
21mer	rGrUrCrArUrCrArCrArCrUrGrArArUrArCrCrArArU	85% _{>}	6624.2	4

Chromatogram



Testing Conditions:

Column: Agilent AdvanceBio Oligonucleotides Column, 2.1 x 50mm

Mobile Phase A: 100mM TEAA in water

Mobile Phase B: 100mM TEAA in acetonitrile

Gradient: 6 to 8% B in 12 minutes

Stop Time: 13 minutes

Flow: 0.6 mL/min

Column Temperature: 65 °C

Injection Volume: 0.5 µL

Detection: UV @ 260 nm



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Manufacturing Statement

These oligonucleotides were manufactured and verified under a quality system registered to ISO 9001:2008.

Date of Manufacture: 2019-FEB-05