

New England Biolabs Certificate of Analysis

Product Name: Nucleosome Control DNA
Catalog #: N1202S
Concentration: 10 μ M
Unit Definition: N/A
Lot #: 0071803
Assay Date: 03/2018
Expiration Date: 03/2020
Storage Temp: -20°C
Storage Conditions: 10 mM Tris-HCl, 1 mM EDTA, (pH 8.0 @ 25°C)
Specification Version: PS-N1202S v1.0
Effective Date: 02 Feb 2018

Assay Name/Specification (minimum release criteria)	Lot #0071803
A260/A280 Assay - The ratio of UV absorption of at 260 and 280 nm is between 1.8 and 2.	Pass
Concentration (A260) - The concentration of Nucleosome Control DNA is between 1.22 and 1.34 μ g/ μ l as determined by UV absorption at 260 nm.	Pass
Electrophoretic Pattern (Linear DNA) - The banding pattern of Nucleosome Control DNA on a 6% TBE-polyacrylamide gel is evaluated against a control lot for sharpness and relative intensity as determined by gel electrophoresis using Ethidium Bromide.	Pass
Non-Specific DNase Activity (DNA, 16 hour) - A 50 μ l reaction in 1X NEBuffer 2.1 containing 2 μ l of Nucleosome Control DNA incubated for 16 hours at 37°C results in a DNA pattern free of detectable nuclease degradation as determined by agarose gel electrophoresis.	Pass



Authorized by
Derek Robinson
02 Feb 2018



Inspected by
Fana Mersha
13 Mar 2018

