

## New England Biolabs Certificate of Analysis

**Product Name:** Nucleosome Control DNA  
**Catalog Number:** N1202S  
**Concentration:** 10  $\mu$ M  
**Unit Definition:** N/A  
**Packaging Lot Number:** 10157129  
**Expiration Date:** 06/2024  
**Storage Temperature:** -20°C  
**Storage Conditions:** 10 mM Tris-HCl, 1 mM EDTA, (pH 8.0 @ 25°C)  
**Specification Version:** PS-N1202S v1.0

Nucleosome Control DNA Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N1202SVIAL	Nucleosome Control DNA	10156184	Pass

Assay Name/Specification	Lot # 10157129
<b>Non-Specific DNase Activity (DNA, 16 hour)</b> A 50 $\mu$ l reaction in 1X NEBuffer 2.1 containing 2 $\mu$ 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
<b>Electrophoretic Pattern (Linear DNA)</b> 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
<b>Concentration (A260)</b> The concentration of Nucleosome Control DNA is between 1.22 and 1.34 $\mu$ g/ $\mu$ l as determined by UV absorption at 260 nm.	Pass
<b>A260/A280 Assay</b> The ratio of UV absorption of at 260 and 280 nm is between 1.8 and 2.	Pass

This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.

*Fana Mersha*

Fana Mersha  
Production Scientist  
27 Jun 2022

*Michael Tonello*

Michael Tonello  
Packaging Quality Control Inspector  
27 Jun 2022