

New England Biolabs Certificate of Analysis

Product Name: Nucleosome Control DNA
Catalog Number: N1202S
Concentration: 10 μ M
Unit Definition: N/A
Lot Number: 10037015
Expiration Date: 02/2021
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	10036769	Pass

Assay Name/Specification	Lot # 10037015
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

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

Fana Mersha

Fana Mersha
Production Scientist
11 Feb 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
14 Feb 2019