

New England Biolabs Certificate of Analysis

Product Name: *Monarch® HMW gDNA Tissue Lysis Buffer*
 Catalog Number: *T3061L*
 Packaging Lot Number: *10193021*
 Expiration Date: *05/2025*
 Storage Temperature: *25°C*
 Specification Version: *PS-T3061L v1.0*

Monarch® HMW gDNA Tissue Lysis Buffer Component List

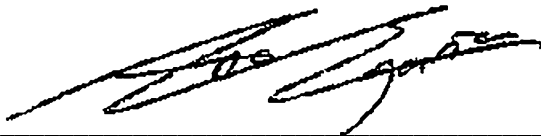
NEB Part Number	Component Description	Lot Number	Individual QC Result
T3061-1	Monarch® HMW gDNA Tissue Lysis Buffer	10186142	Pass

Assay Name/Specification

Assay Name/Specification	Lot # 10193021
Functional Testing (Genomic DNA Yield and Integrity Analysis) Genomic DNA is purified from 8 samples of NEB 10-beta Competent E. coli using the High Molecular Weight DNA Extraction from Bacteria protocol. Each set of reagents is functionally tested to ensure successful isolation of gDNA from 1 x 10 ⁹ cells. Yield of genomic DNA is ≥6 µg in ≥80% of the samples. OD 260/280 and 260/230 are ≥1.75 in ≥80% of the samples, and DIN values are ≥9 in ≥80% of the samples. In ≥ 80% of samples, ≥ 75% of the DNA is 50 kb in size or greater.	Pass

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

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09 Aug 2023



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09 Aug 2023