

## New England Biolabs Certificate of Analysis


**Product Name:** *Monarch® HMW gDNA Tissue Lysis Buffer*  
**Catalog Number:** *T3061L*  
**Packaging Lot Number:** *10231529*  
**Expiration Date:** *03/2026*  
**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	10231330	<b>Pass</b>

Assay Name/Specification	Lot # 10231529
<b>Functional Testing (Genomic DNA Yield and Integrity Analysis)</b> 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 10e9 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.	<b>Pass</b>

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.



Nikki Samuelson  
 Production Scientist  
 15 Mar 2024



Julie Gaumont  
 Packaging Quality Control Inspector  
 20 Mar 2024