

## New England Biolabs Certificate of Analysis

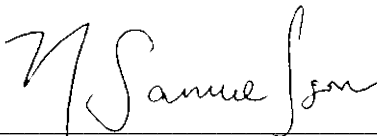
**Product Name:** *Monarch® gDNA Cell Lysis Buffer*  
**Catalog Number:** *T3012L*  
**Packaging Lot Number:** *10231526*  
**Expiration Date:** *03/2026*  
**Storage Temperature:** *25°C*  
**Specification Version:** *PS-T3012S/L v2.0*

Monarch® gDNA Cell Lysis Buffer Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T3012-2	Monarch® gDNA Cell Lysis Buffer	10231295	<b>Pass</b>

Assay Name/Specification	Lot # 10231526
<b>Functional Testing (Cell Lysis Buffer, Monarch®)</b> Genomic DNA is purified from 8 individual aliquots of HeLa cells ( 106 cells/aliquot) using the Protocol for Extraction and Purification of Genomic DNA from Cultured Cells, resulting in $\geq 3 \mu\text{g}$ of gDNA being recovered in $\geq 80\%$ of the samples. OD 260/280 and 260/230 are $\geq 1.75$ in $\geq 80\%$ of the samples.	<b>Pass</b>

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

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 12 Apr 2024



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