

New England Biolabs Certificate of Analysis

Product Name: *Monarch gDNA Cell Lysis Buffer*
 Catalog Number: *T3012L*
 Packaging Lot Number: *10119657*
 Expiration Date: *03/2023*
 Storage Temperature: *25°C*
 Specification Version: *PS-T3012L v1.0*

Monarch gDNA Cell Lysis Buffer Component List

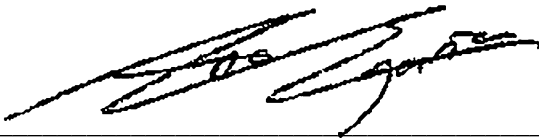
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
|-----------------|--------------------------------|------------|----------------------|
| T3012-2 | Monarch gDNA Cell Lysis Buffer | 10119630 | Pass |

Assay Name/Specification

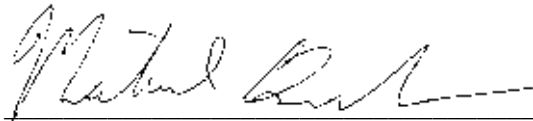
| Assay Name/Specification | Lot # 10119657 |
|--|----------------|
| Functional Testing (Cell Lysis Buffer, Monarch®) Genomic DNA is purified from 8 individual aliquots of HeLa cells (106 cells/aliquot) using the Protocol for Extraction and Purification of Genomic DNA from Cultured Cells, resulting in $\geq 3 \mu\text{g}$ of gDNA being recovered in $\geq 80\%$ of the samples. OD 260/280 and 260/230 are ≥ 1.75 in $\geq 80\%$ of the samples. | Pass |

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

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Ana Egana
Production Scientist
24 Sep 2021



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24 Sep 2021