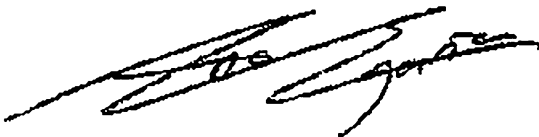


## New England Biolabs Certificate of Analysis

Product Name: *Monarch gDNA Cell Lysis Buffer*  
 Catalog Number: *T3012L*  
 Packaging Lot Number: *10041704*  
 Expiration Date: *02/2021*  
 Storage Temperature: *25°C*  
 Specification Version: *PS-T3012L v1.0*

Assay Name/Specification	Lot # 10041704
<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.



Ana Egana  
Production Scientist  
25 Nov 2019

Darcie Spaulding  
Packaging Quality Control Inspector  
25 Nov 2019