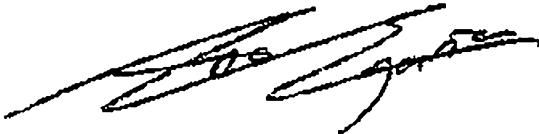


New England Biolabs Certificate of Analysis

Product Name: *Monarch gDNA Blood Lysis Buffer*
 Catalog Number: *T3013L*
 Lot Number: *10028543*
 Expiration Date: *06/2020*
 Storage Temperature: *25°C*
 Specification Version: *PS-T3013L v1.0*

Assay Name/Specification	Lot # 10028543
Functional Testing (Blood Cell Lysis Buffer, Monarch®) Eight samples of whole pig blood are treated using the Cell Lysis protocol for Mammalian Whole Blood (non-nucleated), with $\geq 2 \mu\text{g}$ 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.



Ana Egana
Production Scientist
25 Apr 2019



Heidi Church
Packaging Quality Control Inspector
25 Apr 2019