

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Cell Lysis Buffer Module  
**Catalog Number:** E5530S  
**Lot Number:** 10033891  
**Expiration Date:** 04/2020  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E5530S v1.0

NEBNext <sup>®</sup> Cell Lysis Buffer Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E6429AAVIAL	Murine RNase Inhibitor	10025634	Pass
E6428AAVIAL	NEBNext <sup>®</sup> Cell Lysis Buffer	10025635	Pass

Assay Name/Specification	Lot # 10033891
<b>Functional Testing (Library Construction, Single Cell RNA)</b> Each set of reagents is functionally validated and compared to a previous lot through construction of libraries made from single cells and commercially available RNA using the kit's minimum and maximum input requirements. Libraries made from previous and current lots are sequenced together on the same Illumina <sup>®</sup> flow cell and compared across various metrics including library yield, individual transcript abundance, 5'-3' transcript coverage, percent ribosomal RNA, and fraction of reads mapping to a reference.	<b>Pass</b>
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext <sup>®</sup> Single Cell Lysis Module and meet the designated specifications.	<b>Pass</b>

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

*Christine Sumner*

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Christine Sumner  
Production Scientist  
04 Jan 2019

*Mary Conlon*

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Mary Conlon  
Packaging Quality Control Inspector  
04 Jan 2019