

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> Cell Lysis Buffer Module  
 Catalog Number: E5530S  
 Packaging Lot Number: 10135141  
 Expiration Date: 02/2023  
 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	10116827	Pass
E6428AAVIAL	NEBNext <sup>®</sup> Cell Lysis Buffer	10116828	Pass

Assay Name/Specification	Lot # 10135141
<p><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.</p> <p><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.</p>	<p>Pass</p> <p>Pass</p>

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.

*Christine Sumner*

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Christine Sumner  
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23 Dec 2021

*Michael Tonello*

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23 Dec 2021