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New England Biolabs Certificate of Analysis

Product Name: NEBNext® Cell Lysis Buffer Module

Catalog Number: E5530S
Packaging Lot Number: 10213223
Expiration Date: 05/2025
Storage Temperature: -20°C

Specification Version: PS-E5530S v1.0

NEBNext® Cell Lysis Buffer Module Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
E6429AAVIAL	Murine RNase Inhibitor	10213230	Pass	
E6428AAVIAL	NEBNext® Cell Lysis Buffer	10213233	Pass	

Assay Name/Specification	Lot # 10213223
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Single Cell Lysis Module and meet the designated specifications.	Pass
Functional Testing (Library Construction, Single Cell RNA) 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® 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.	Pass

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 for additional information.



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Christin Jum

Christine Sumner Production Scientist 24 Jun 2024 Michael Tonello

Packaging Quality Control Inspector

24 Jun 2024

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