

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Cell Lysis Buffer Module
Catalog Number: E5530S
Lot Number: 10057428
Expiration Date: 04/2020
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 | 10025634 | Pass |
| E6428AAVIAL | NEBNext® Cell Lysis Buffer | 10025635 | Pass |

| Assay Name/Specification | Lot # 10057428 |
|---|----------------|
| 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 |
| * 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 |

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

Christine Sumner

Christine Sumner
Production Scientist
04 Oct 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
04 Oct 2019