

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Ultra[™] II FS DNA PCR-free Library Prep Kit for Illumina[®]
 Catalog Number: E7430L
 Packaging Lot Number: 10160964
 Expiration Date: 04/2023
 Storage Temperature: -20°C
 Specification Version: PS-E7430S/L/G v1.0

| NEBNext [®] Ultra [™] II FS DNA PCR-free Library Prep Kit for Illumina [®] Component List | | | |
|--|--|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| E7808AAVIAL | TE Buffer | 10144488 | Pass |
| E7807AAVIAL | NEBNext [®] Ultra [™] II FS Reaction Buffer | 10144485 | Pass |
| E7806AAVIAL | NEBNext [®] Ultra [™] II FS Enzyme Mix | 10144484 | Pass |
| E7648AAVIAL | NEBNext [®] Ultra [™] II Ligation Master Mix | 10144487 | Pass |
| E7374AAVIAL | NEBNext [®] Ligation Enhancer | 10144486 | Pass |
| E7139AAVIAL | DTT | 10144489 | Pass |

| Assay Name/Specification | Lot # 10160964 |
|--|----------------|
| Functional Testing (Library Construction, Ultra[™] II FS DNA PCR-free) Each set of reagents is functionally validated and compared to a previous lot through construction of libraries made from commercially available genomic DNA, using the kit's minimum and maximum input requirements. Libraries made from previous and current lots for 3 input DNA amounts are sequenced together on the same Illumina [®] flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size. | Pass |
| * Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext [®] Ultra [™] II FS DNA PCR-free Library Prep Kit for Illumina [®] and meet the designated specifications. | 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.

Christine Sumner

Christine Sumner
Production Scientist
05 Aug 2022

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
05 Aug 2022