

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: 10146808
Expiration Date: 10/2022
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	10124205	Pass
E7807AAVIAL	NEBNext [®] Ultra [™] II FS Reaction Buffer	10124202	Pass
E7806AAVIAL	NEBNext [®] Ultra [™] II FS Enzyme Mix	10124201	Pass
E7648AAVIAL	NEBNext [®] Ultra [™] II Ligation Master Mix	10124204	Pass
E7374AAVIAL	NEBNext [®] Ligation Enhancer	10124203	Pass
E7139AAVIAL	DTT	10124206	Pass

Assay Name/Specification	Lot # 10146808
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
29 Mar 2022

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
29 Mar 2022