

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: 10257793
Expiration Date: 09/2025
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	10257801	Pass
E7807AAVIAL	NEBNext® Ultra™ II FS Reaction Buffer	10257797	Pass
E7806AAVIAL	NEBNext® Ultra™ II FS Enzyme Mix	10257795	Pass
E7648AAVIAL	NEBNext® Ultra™ II Ligation Master Mix	10257800	Pass
E7374AAVIAL	NEBNext® Ligation Enhancer	10257799	Pass
E7139AAVIAL	DTT	10257802	Pass

Assay Name/Specification	Lot # 10257793
<p>* 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.</p>	Pass
<p>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.</p>	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
11 Oct 2024



Josh Hersey
Packaging Quality Control Inspector
07 Nov 2024