

240 County Road Ipswich, MA 01938-2723 Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Ultra™ II End Repair/dA-Tailing Module

Catalog Number: E7546L
Packaging Lot Number: 10177385
Expiration Date: 12/2023
Storage Temperature: -20°C

Specification Version: PS-E7546S/L v1.0

NEBNext® Ultra™ II End Repair/dA-Tailing Module Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
E7647AAVIAL	NEBNext® Ultra™ II End Prep Reaction Buffer	10169183	Pass	
E7646AAVIAL	NEBNext® Ultra™ II End Prep Enzyme Mix	10169182	Pass	

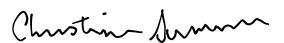
Assay Name/Specification	Lot # 10177385
* Individual Product Component Note	Pass
Standard Quality Control Tests are performed for each component included in NEBNext®	
Ultra™ II End Repair/dA-Tailing Module and meet the designated specifications.	
Functional Testing (Library Construction, DNA Modules)	Pass
Each set of reagents is functionally validated and compared to a previous lot	
through construction of DNA libraries. Libraries made from previous and current lots	
for the recommended 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.	

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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Christine Sumner Production Scientist 09 Jan 2023 Michael Tonello

Packaging Quality Control Inspector

09 Jan 2023

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