

## New England Biolabs Certificate of Analysis


**Product Name:** NEBNext® Library Quant Kit for Illumina®  
**Catalog Number:** E7630S  
**Packaging Lot Number:** 10167556  
**Expiration Date:** 05/2024  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7630S/L v2.0

NEBNext® Library Quant Kit for Illumina® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7641AVIAL	ROX (High)	10149680	Pass
E7640AVIAL	NEBNext® Library Quant Master Mix	10149670	Pass
E7639AVIAL	NEBNext® Library Quant Primer Mix	10149671	Pass
E7638AVIAL	ROX (Low)	10149681	Pass
E7633AVIAL	NEBNext® Library Dilution Buffer	10149672	Pass
E6891AVIAL	NEBNext® Library Quant DNA Standard 6	10149679	Pass
E6890AVIAL	NEBNext® Library Quant DNA Standard 5	10149678	Pass
E6889AVIAL	NEBNext® Library Quant DNA Standard 4	10149677	Pass
E6888AVIAL	NEBNext® Library Quant DNA Standard 3	10149675	Pass
E6887AVIAL	NEBNext® Library Quant DNA Standard 2	10149674	Pass
E6886AVIAL	NEBNext® Library Quant DNA Standard 1	10149673	Pass

Assay Name/Specification	Lot # 10167556
<b>Functional Testing (qPCR, Standard Curve)</b> NEBNext® Library Quant Kit for Illumina® is functionally tested with qPCR using the following criteria for PCR efficiency, fluorescence values, and no-template control (NTC) amplification. Seven, 20 µl reactions are run in triplicate in 1X NEBNext® Library Quant Master Mix and 1X NEBNext® Library Quant Primer Mix containing NEBNext® Library Quant DNA Standards 1-6 and a no-template control for 35 cycles of PCR amplification, resulting in a standard curve with a calculated PCR efficiency of 90-100% and a no-template control threshold cycle of >30 Cq.	Pass
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext® Library Quant 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](http://www.neb.com/trademarks) for additional information.



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Christine Sumner  
Production Scientist  
12 Oct 2022



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Michael Tonello  
Packaging Quality Control Inspector  
12 Oct 2022