

## New England Biolabs Certificate of Analysis

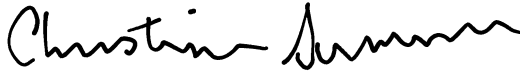
Product Name: NEBNext® Library Quant Kit for Illumina®  
 Catalog Number: E7630S  
 Packaging Lot Number: 10149667  
 Expiration Date: 05/2024  
 Storage Temperature: -20°C  
 Specification Version: PS-E7630S/L v2.0

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 # 10149667
<p><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 &gt;30 Cq.</p> <p><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.</p>	<p>Pass</p> <p>Pass</p>

This product has been tested and shown to be in compliance with all specifications.

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14 Jun 2022



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14 Nov 2022