

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® Library Quant Kit for Illumina®

Catalog Number: E7630S
Packaging Lot Number: 10027342
Expiration Date: 11/2020
Storage Temperature: -20°C

Specification Version: PS-E7630S/L v1.0

NEBNext® Library Quant Kit for Illumina® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7641AVIAL	ROX (High)	10027350	Pass
E7640AVIAL	NEBNext® Library Quant Master Mix	10027343	Pass
E7639AVIAL	NEBNext® Library Quant Primer Mix	10027344	Pass
E7638AVIAL	ROX (Low)	10027351	Pass
E7637AVIAL	NEBNext® Library Quant DNA Standard 4	10027349	Pass
E7636AVIAL	NEBNext® Library Quant DNA Standard 3	10027348	Pass
E7635AVIAL	NEBNext® Library Quant DNA Standard 2	10027347	Pass
E7634AVIAL	NEBNext® Library Quant DNA Standard 1	10027346	Pass
E7633AVIAL	NEBNext® Library Dilution Buffer	10027345	Pass

Assay Name/Specification	Lot # 10027342
Functional Testing (qPCR, Standard Curve)	Pass
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. Five, 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 1-4 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.	
* Individual Product Component Note	Pass
Standard Quality Control Tests are performed for each component included in NEBNext®	
Library Quant Kit for Illumina® and meet the designated specifications.	

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



E7630S / Lot: 10027342

Page 1 of 2



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Christin Summ

Christine Sumner Production Scientist 22 Oct 2019 Michael Tonello

Packaging Quality Control Inspector

22 Oct 2019



E7630S / Lot: 10027342

Page 2 of 2