

## New England Biolabs Certificate of Analysis

*Product Name:* NEBNext Companion Module for Oxford Nanopore Technologies Ligation Sequencing  
*Catalog Number:* E7180S  
*Concentration:* 24 reactions  
*Lot Number:* 10053969  
*Expiration Date:* 03/2020  
*Storage Temperature:* -20°C  
*Specification Version:* PS-E7180S v1.0

| NEBNext Companion Module for Oxford Nanopore Technologies Ligation Sequencing Component List |   |            |                      |
|--|---|------------|----------------------|
| NEB Part Number  | Component Description                       | Lot Number | Individual QC Result |
| E7185AVIAL   | Quick T4 DNA Ligase                         | 10040960   | Pass                 |
| E7184AVIAL   | NEBNext® Ultra™ II End Prep Enzyme Mix      | 10040959   | Pass                 |
| E7183AVIAL   | NEBNext® Ultra™ II End Prep Reaction Buffer | 10040958   | Pass                 |
| E7182AVIAL   | NEBNext® FFPE DNA Repair Mix                | 10040957   | Pass                 |
| E7181AVIAL   | NEBNext® FFPE DNA Repair Buffer             | 10040956   | Pass                 |

| Assay Name/Specification  | Lot # 10053969          |
|---|-------------------------|
| <p><b>Functional Testing (Library Construction)</b><br/>           Each set of reagents is functionally validated through the construction of libraries made using commercially available DNA and the kit's input requirement. Libraries are sequenced on individual Oxford Nanopore® flow cells and their quality assessed across a number of metrics including library yield, sequence yield, pore occupancy, and read length.</p> <p><b>* Individual Product Component Note</b><br/>           Standard Quality Control Tests are performed for each component included in NEBNext® Companion Module for Oxford Nanopore Technologies® Ligation Sequencing 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.

*Christine Sumner*

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Christine Sumner  
Production Scientist  
20 Aug 2019

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
20 Aug 2019