New England Biolabs
Product Specification

Product Name: NEBNext® Ultra™ II End Repair/dA-Tailing Module
Catalog #: E7546S/L
Kit Components: NEBNext® Ultra™ II End Prep Enzyme Mix (E7646)
NEBNext® Ultra™ II End Prep Reaction Buffer (E7647)

Shelf Life: 12 months
Storage Temp: -20°C
Specification Version: PS-E7546S/L v1.0
Effective Date: 10 May 2018

Assay Name/Specification (minimum release criteria)

Functional Testing (Library Construction, DNA Modules) - 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.

* Individual Product Component Note - Standard Quality Control Tests are performed for each component included in NEBNext® Ultra™ II End Repair/dA-Tailing Module and meet the designated specifications.

Derek Robinson
Director of Quality Control

Date 10 May 2018