

New England Biolabs Product Specification

Product Name: Acyclonucleotide Set
Catalog #: N0460S
Concentration: 0.5 μ mol each acyNTP
Shelf Life: 36 months
Storage Temp: -20°C
Storage Conditions: Supplied as dried, triethylammonium salts
Specification Version: PS-N0460S v1.0
Effective Date: 17 Jul 2018

Assay Name/Specification (minimum release criteria)

Functional Testing (Acyclonucleotides) - A modification of Sanger sequencing is employed in which Terminator DNA Polymerase is mixed with primer, template, dNTPs, and one acyNTP. Resulting peaks are analyzed for intensity and distribution by electrophoresis and compared to those produced by prior acyNTP lots. The intensity and distribution of peaks are similar to previously accepted lots.

Physical Purity (HPLC) - Each Acyclonucleotide is \geq 95% pure as determined by HPLC analysis.



Date 17 Jul 2018

Derek Robinson
Director of Quality Control

