

New England Biolabs Certificate of Analysis

Product Name: *Acyclonucleotide Set*
Catalog Number: *N0460S*
Unit Definition:
Lot Number: *10013356*
Expiration Date: *06/2021*
Storage Temperature: *-20°C*
Storage Conditions: *Supplied as dried, triethylammonium salts*
Specification Version: *PS-N0460S v1.0*

Acyclonucleotide Set Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N0464AVIAL	AcycloTTP	0071806	Pass
N0463AVIAL	AcycloGTP	0071806	Pass
N0462AVIAL	AcycloCTP	0071806	Pass
N0461AVIAL	AcycloATP	0071806	Pass

Assay Name/Specification	Lot # 10013356
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.	Pass
Physical Purity (HPLC) Each Acyclonucleotide is ≥ 95% pure as determined by HPLC analysis.	Pass

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

Michael Tonello

Matt Roberts
Production Scientist
19 Jun 2018

Michael Tonello
Packaging Quality Control Inspector
20 Jun 2018