

New England Biolabs Certificate of Analysis

Product Name: *Acyclonucleotide Set*
Catalog Number: *N0460S*
Lot Number: *10048656*
Expiration Date: *08/2022*
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	10049227	Pass
N0463AVIAL	AcycloGTP	10049226	Pass
N0462AVIAL	AcycloCTP	10049225	Pass
N0461AVIAL	AcycloATP	10049224	Pass

Assay Name/Specification	Lot # 10048656
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.

John L Buswell

John Buswell
Production Scientist
27 Aug 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
27 Aug 2019