

New England Biolabs Certificate of Analysis

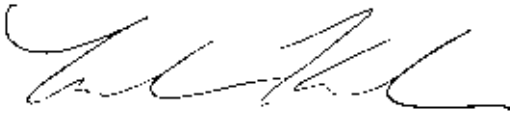
Product Name: *Acyclonucleotide Set*
Catalog Number: *N0460S*
Packaging Lot Number: *10163039*
Expiration Date: *08/2025*
Storage Temperature: *-20°C*
Storage Conditions: *Supplied as dried, triethylammonium salts*
Specification Version: *PS-N0460S v1.0*

Acyclonucleotide Set Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N0464AVIAL	AcycloTTP	10158519	Pass
N0463AVIAL	AcycloGTP	10158518	Pass
N0462AVIAL	AcycloCTP	10158517	Pass
N0461AVIAL	AcycloATP	10158520	Pass

Assay Name/Specification	Lot # 10163039
Physical Purity (HPLC) Each Acyclonucleotide is $\geq 95\%$ pure as determined by HPLC analysis.	Pass
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

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

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Michael Kuska
Production Scientist
02 Sep 2022



Michael Tonello
Packaging Quality Control Inspector
02 Sep 2022