

## New England Biolabs Certificate of Analysis

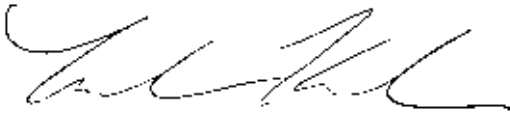
**Product Name:** *Acyclonucleotide Set*  
**Catalog Number:** *N0460S*  
**Packaging Lot Number:** *10178162*  
**Expiration Date:** *01/2026*  
**Storage Temperature:** *-20°C*  
**Storage Conditions:** *Supplied as dried, triethylammonium salts*  
**Specification Version:** *PS-N0460S v1.0*

Acyclonucleotide Set Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N0464AVIAL	AcycloTTP	10164634	Pass
N0463AVIAL	AcycloGTP	10164633	Pass
N0462AVIAL	AcycloCTP	10164632	Pass
N0461AVIAL	AcycloATP	10164635	Pass

Assay Name/Specification	Lot # 10178162
<b>Physical Purity (HPLC)</b> Each Acyclonucleotide is $\geq 95\%$ pure as determined by HPLC analysis.	<b>Pass</b>
<b>Functional Testing (Acyclonucleotides)</b> 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.	<b>Pass</b>

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

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Michael Kuska  
Production Scientist  
17 Jan 2023



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Michael Tonello  
Packaging Quality Control Inspector  
17 Jan 2023