

New England Biolabs Certificate of Analysis

Product Name: *Acyclonucleotide Set*
 Catalog Number: *N0460S*
 Lot Number: *10022005*
 Expiration Date: *01/2022*
 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	10033685	Pass
N0463AVIAL	AcycloGTP	10033682	Pass
N0462AVIAL	AcycloCTP	10033680	Pass
N0461AVIAL	AcycloATP	10033678	Pass

Assay Name/Specification	Lot # 10022005
<p>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.</p>	Pass
<p>Physical Purity (HPLC) Each Acyclonucleotide is ≥ 95% pure as determined by HPLC analysis.</p>	Pass

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

John L Buswell

John Buswell
Production Scientist
04 Jan 2019

Josh Hersey

Josh Hersey
Packaging Quality Control Inspector
04 Jan 2019