

New England Biolabs Certificate of Analysis

Product Name: *beta-Nicotinamide adenine dinucleotide (NAD⁺)*
 Catalog Number: *B9007S*
 Concentration: *50 mM*
 Packaging Lot Number: *10195924*
 Expiration Date: *05/2025*
 Storage Temperature: *-20°C*
 Specification Version: *PS-B9007S v1.0*
 Composition (1X): *NAD⁺ is supplied as an aqueous 50 mM solution*

beta-Nicotinamide adenine dinucleotide (NAD ⁺) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
B9007SVIAL	β-Nicotinamide adenine dinucleotide (NAD ⁺)	10187354	Pass

Assay Name/Specification	Lot # 10195924
PCR Amplification (1 kb, PreCR®) A 48 µl reaction in ThermoPol® Reaction Buffer containing 1.5 ng of UV damaged Lambda DNA, 100 µM dNTPs, 500 µM NAD ⁺ and 1 µl of the PreCR® Repair Mix was incubated for 15 minutes at 37°C. Addition of 100 µM dNTPs, 0.4 µM L1 primer mix and 2.5 units of Taq DNA Polymerase followed by 25 cycles of PCR resulted in the expected 1 kb specific product.	Pass

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.

Lauren Higgins

Lauren Sears Higgins
Production Scientist
02 May 2023

Josh Hersey
Packaging Quality Control Inspector
03 Aug 2023