

New England Biolabs Certificate of Analysis

Product Name: *beta-Nicotinamide adenine dinucleotide (NAD⁺)*
Catalog Number: *B9007S*
Concentration: *50 mM*
Packaging Lot Number: *10180286*
Expiration Date: *09/2024*
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 ⁺)	10160956	Pass

Assay Name/Specification	Lot # 10180286
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
12 Sep 2022

Josh Hersey
Packaging Quality Control Inspector
21 Feb 2023