

New England Biolabs Certificate of Analysis

Product Name: *beta-Nicotinamide adenine dinucleotide (NAD⁺)*
Catalog Number: *B9007S*
Concentration: *50 mM*
Packaging Lot Number: *10257552*
Expiration Date: *04/2026*
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 ⁺)	10233984	Pass

Assay Name/Specification	Lot # 10257552
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.

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 Jamie Souza
 Production Scientist
 18 Apr 2024


 Josh Hersey
 Packaging Quality Control Inspector
 17 Oct 2024