

## New England Biolabs Certificate of Analysis

**Product Name:** *beta-Nicotinamide adenine dinucleotide (NAD<sup>+</sup>)*  
**Catalog Number:** *B9007S*  
**Concentration:** *50 mM*  
**Packaging Lot Number:** *10270569*  
**Expiration Date:** *12/2026*  
**Storage Temperature:** *-20°C*  
**Specification Version:** *PS-B9007S v1.0*  
**Composition (1X):** *NAD<sup>+</sup> is supplied as an aqueous 50 mM solution*

beta-Nicotinamide adenine dinucleotide (NAD <sup>+</sup> ) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
B9007SVIAL	β-Nicotinamide adenine dinucleotide (NAD <sup>+</sup> )	10261180	Pass

Assay Name/Specification	Lot # 10270569
<b>PCR Amplification (1 kb, PreCR<sup>®</sup>)</b> A 48 µl reaction in ThermoPol <sup>®</sup> Reaction Buffer containing 1.5 ng of UV damaged Lambda DNA, 100 µM dNTPs, 500 µM NAD <sup>+</sup> and 1 µl of the PreCR <sup>®</sup> 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.	<b>Pass</b>

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

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 Jamie Souza  
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 23 Jan 2025

  
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 Packaging Quality Control Inspector  
 23 Jan 2025