

New England Biolabs Product Specification

Product Name: β -Nicotinamide adenine dinucleotide (NAD⁺)
Catalog #: B9007S
Concentration: 50 mM
Shelf Life: 24 months
Storage Temp: -20°C
Composition (1X): NAD⁺ is supplied as an aqueous 50 mM solution
Specification Version: PS-B9007S v1.0
Effective Date: 03 Apr 2018

Assay Name/Specification (minimum release criteria)

PCR Amplification (1 kb, PreCR®) - A 48 μ l reaction in ThermoPol® Reaction Buffer containing 1.5 ng of UV damaged Lambda DNA, 100 μ M dNTPs, 500 μ M NAD ⁺ and 1 μ l of the PreCR® Repair Mix was incubated for 15 minutes at 37°C. Addition of 100 μ M dNTPs, 0.4 μ M L1 primer mix and 2.5 units of <i>Taq</i> DNA Polymerase followed by 25 cycles of PCR resulted in the expected 1 kb specific product.
--



Date 03 Apr 2018

Derek Robinson
Director of Quality Control

