

Certificate of Analysis

Catalogue No: MB354

Product name: NZYtaq II DNA polymerase

Batch No: ZN031

Expiry Date: 03/2024

Components	Batch
NZYtaq II DNA polymerase	YL101
Reaction buffer (10x)	NM101
MgCl ₂ Solution (50 mM)	NM031

Test	Specification	Result
Enzyme purity*	Enzyme is >90% pure as judged by SDS polyacrylamide gel electrophoresis	Pass
Genomic DNA contamination*	No genomic DNA is detectable through specific PCR assay	Pass
DNase activity	No visible nicking or cutting of DNA is detectable after 16h incubation at 37°C as judged by agarose gel electrophoresis	Pass
Functional assay	Amplification from genomic DNA template dilution series	Pass

*These assays were exclusively performed with the enzyme

This batch meets our specification.

Date: 12/03/2021



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Product Manager



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