

Certificate of Analysis

Catalogue No: MB354

Product name: NZYtaq II DNA polymerase

Batch No: YO034

Expiry Date: 09/2024

Components	Batch
NZYtaq II DNA polymerase	ZN101
Reaction buffer (10x)	ZN093
MgCl ₂ Solution (50 mM)	ZN092

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: 07/04/2022



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Product Manager



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