meridian BIOSCIENCE™	Certificate of Analysis	COA No: CA BMM-0006
		Version: 09

MangoMix™

For research or further manufacturing use only

Catalog No:	BIO-25033
Lot No:	PM335-B126430
Storage Conditions:	-20°C
Component Lot No:	BLMX-324204A
Expiry date:	May 2026

Quality Control Parameters

Analysis	Specification	Result
Functional	A 0.9Kb fragment is amplified with a dilution series of human genomic DNA, using standard conditions and 30 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of *E. coli* and mouse genomic DNA checked. Test sample must amplify in line with a reference sample.	Passed
DNase contamination	Incubation of a 1Kb double stranded DNA fragment. Incubation for 4 hours at 37°C with dilution series of DNase I. Analysed by agarose gel electrophoresis. Test sample must show less degradation than the limit of detection 2.5×10^{-3} U DNase.	Passed

QA / QC Representative: J. Rahnenführer Date: 9th April 2024

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meridian BIOSCIENCE™ LIFE DISCOVERED. LIFE DIAGNOSED.	Certificate of Analysis	COA No: CA_XBB-0014
		Version: 09

$MgCl_2$ Solution, 50mM

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Catalog No:	BIO-25033
Lot No:	PM335-B126430
Storage Conditions:	-20°C
Component Lot No:	MG-2031.018
Expiry date:	May 2026

Quality Control Parameters

Analysis	Specification	Result
Functional	Fragments of sizes 800bp and 3000bp are amplified with a dilution series of BIOTAQ™ DNA Polymerase, using standard conditions and 30 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of *E. coli* and mouse genomic DNA checked. Test sample must amplify in line with a reference sample.	Passed
DNase contamination	Incubation of a 1Kb double stranded DNA fragment. Incubation for 4 hours at 37°C with dilution series of DNase I. Analysed by agarose gel electrophoresis. Test sample must show less degradation than the limit of detection 2.5 x 10^{-3} U DNase.	Passed

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