meridian BIOSCIENCE ™ LIFE DISCOVERED. LIFE DIAGNOSED.	Certificate of Analysis	COA No: CA_XBH-0006
		Version: 07

EasyLadder I For research or further manufacturing use only		
	Catalog No:	BIO-33046
	Lot No:	MW438-B111800
	Storage Conditions:	-20˚C
	Component Lot No:	HTS1-022110A
	Expiry date:	November 2024

Quality Control Parameters

Certified Values:

Number of Bases	Method of Testing	Specification	Method of Testing	Results
100 bp	Sequencing	50 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
250 bp	Sequencing	50 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
500 bp	Sequencing	50 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
1000 bp	Sequencing	50 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
2000 bp	Sequencing	50 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed

Note: The values given relate to individual bands. Following the combination of all bands in one solution, the Ladder may be used for approximating the mass of DNA.

QA / QC Representative:  Andrew Galeeba-M Date: 26th October 2022

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meridian BIOSCIENCE™ LIFE DISCOVERED. LIFE DIAGNOSED.	**Certificate of Analysis**	**COA No: CA_XBB-0037**
		Version: 07

DNA Loading Buffer Red

For research or further manufacturing use only

Catalog No:	BIO-33046
Lot No:	MW438-B111800
Storage Conditions:	-20°C
Component Lot No:	HLBR-022110A
Expiry date:	November 2024

Quality Control Parameters

Analysis	Specification	Result
Functional	Tested on a 1.5% gel with 4 different sized DNA. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).	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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