bioline meridian BIOSCIENCE	**Certificate of Analysis**	**COA No: CA_XBH-0005**
		Version: 06

HyperLadder™ 25bp

For Research Use Only

Catalog No:	BIO-33031
Lot No:	MW434-B078450
Shipping / Storage Conditions:	-20˚C
Component Lot No:	H5-719112A
Expiry date:	January 2022

Quality Control Parameters

Certified Values:

Number of Bases	Method of Testing	Specification	Method of Testing	Results
25 bp	Sequencing	80 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
50 bp	Sequencing	80ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
75 bp	Sequencing	80 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
100 bp	Sequencing	120 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
125 bp	Sequencing	80 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
150 bp	Sequencing	80 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
175 bp	Sequencing	80 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
200 bp	Sequencing	120 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
250 bp	Sequencing	60 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
300 bp	Sequencing	60 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
400 bp	Sequencing	60 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
500 bp	Sequencing	60 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed

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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.

Authorised by Christopher Weatherall

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		Version: 05

DNA Loading Buffer Blue

For Research Use Only

Catalog No:	BIO-33031
Lot No:	MW434-B078450
Shipping / Storage Conditions:	-20°C
Component Lot No:	HLBB-2035.008
Expiry date:	January 2022

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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