

## HyperLadder™ 25bp

For research or further manufacturing use only

Catalog No:	BIO-33057
Lot No:	MW433-B114520
Storage Conditions:	-20°C
Component Lot No:	H5-023101A
Expiry date:	February 2025

### 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

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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

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: 13<sup>th</sup> February 2023

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**DNA Loading Buffer Blue**

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Catalog No:	BIO-33057
Lot No:	MW433-B114520
Storage Conditions:	-20°C
Component Lot No:	HLBB-2035.015
Expiry date:	February 2025

**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 $2.5 \times 10^{-3}$ U DNase.	Passed

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