

HyperLadder™ 100bp

For research or further manufacturing use only

Catalog No:	BIO-33056
Lot No:	MW430-B108580
Storage Conditions:	-20°C
Component Lot No:	H4-022106A
Expiry date:	July 2024

Quality Control Parameters

Certified Values:

Number of Bases	Method of Testing	Specification	Method of Testing	Results
100 bp	Sequencing	40 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
200 bp	Sequencing	20 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
300 bp	Sequencing	30 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
311 bp	Sequencing	30 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
400 bp	Sequencing	40 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
600 bp	Sequencing	60 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
700 bp	Sequencing	70 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
800 bp	Sequencing	80 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed

United Kingdom

Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

USA

Tel: +1 901.382.8716
Fax: +1 901.382.0027

Germany

Tel: +49 (0)3371 60222 00
Fax: +49 (0)3371 60222 01

Australia

Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763

900 bp	Sequencing	90 ng/band ± 10%	UV absorption spectrum Visual comparison test vs history	Passed
1013 bp	Sequencing	100 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:



Alberta Newton

Date: 16th June 2022

United Kingdom

Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

USA

Tel: +1 901.382.8716
Fax: +1 901.382.0027

Germany

Tel: +49 (0)3371 60222 00
Fax: +49 (0)3371 60222 01

Australia

Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763

DNA Loading Buffer Blue

For research or further manufacturing use only

Catalog No:	BIO-33056
Lot No:	MW430-B108580
Storage Conditions:	-20°C
Component Lot No:	HLBB-2035.014
Expiry date:	July 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 2.5×10^{-3} U DNase.	Passed

QA / QC Representative:



Alberta Newton

Date: 16th June 2022

United Kingdom

Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

USA

Tel: +1 901.382.8716
Fax: +1 901.382.0027

Germany

Tel: +49 (0)3371 60222 00
Fax: +49 (0)3371 60222 01

Australia

Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763