

## EasyLadder I

For research or further manufacturing use only

Catalog No:	BIO-33046
Lot No:	MW438-B127100
Storage Conditions:	-20°C
Component Lot No:	HTS1-324105A
Expiry date:	June 2026

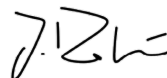
### Quality Control Parameters

**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:



J. Rahnenführer

 Date: 08<sup>th</sup> May 2024

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## DNA Loading Buffer Red

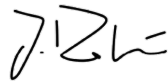
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Catalog No:	BIO-33046
Lot No:	MW438-B127100
Storage Conditions:	-20°C
Component Lot No:	HLBR-024105A
Expiry date:	June 2026

### 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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