

 <small>A Meridian Life Science Company</small>	<b>Certificate of Analysis</b>	COA No: CA_XBH-0006
		Version: 05

<h1>EasyLadder I</h1> <p>For Research Use Only</p>	Kit Lot No:	BIO-33046_MW438-BO64700
	Storage Conditions:	-20°C
	Component Lot No:	HTS1-818111A
	Expiry date:	December 2020

## 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.

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## Certificate of Analysis

COA No: CA\_XBB-0037

Version: 04

### DNA Loading Buffer Red

For Research Use Only

Kit Lot No: BIO-33046\_MW438-BO64700

Storage Conditions: -20°C

Component Lot No: HLBR-818111A

Expiry date: December 2020

### 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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