

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

<h1>EasyLadder I</h1> <p>For Research Use Only</p>	Kit Lot No:	BIO-33046_MW438-B065920
	Storage Conditions:	-20°C
	Component Lot No:	HTS1-819101A
	Expiry date:	February 2021

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.

Authorised by Christopher Weatherall



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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-B065920

Storage Conditions: -20°C

Component Lot No: HLBR-819101A

Expiry date: February 2021

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

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