 <small>A Merck Life Science Company</small>	<h2>Certificate of Analysis</h2>	COA No: CA_XBH-0006
		Version: 04

<h1>EasyLadder I</h1> <small>For Research Use Only</small>	Storage Conditions:	-20°C
	Lot number:	HTS1-618107A
	Expiry date:	August 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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 <small>A Molecular Biology Company</small>	<h2>Certificate of Analysis</h2>	COA No: CA_XBB-0037
		Version: 03

<h1>DNA Loading Buffer Red</h1> <small>For Research Use Only</small>	Storage Conditions:	-20°C
	Lot number:	HLBR-618107A
	Expiry date:	August 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 2.5×10^{-3} U DNase.	Passed

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