BIOLINE	**Certificate of Analysis**	**COA No: CA BEM-0016**
		Version: 03

MyFi DNA Polymerase	Storage Conditions:	-20°C
	Lot number:	MF-818210A
For Research Use Only	Expiry date:	November 2020

Quality Control Parameters

Analysis	Specification	Result
Functional	Fragment of size 525bp is amplified with a dilution series of MyFi DNA Polymerase, using standard conditions and 35 cycles. Fragments of sizes 7Kb and 1300bp are amplified with a dilution series of human genomic DNA, using standard conditions and 35 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of *E. coli* and mouse genomic DNA checked. Test sample must amplify in line with a reference sample.	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 x 10^{-3} U DNase.	Passed

Authorised by Ivan Mijatovic

United Kingdom
Headquarters UK
info.uk@bioline.com
Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

USA
info.us@bioline.com
Tel: +1 508 880 8990
Fax: +1 508 880 8993

Germany
info.de@bioline.com
Tel: +49 (0)3371 681 229
Fax: +49 (0)3371 681 244

France
Info.fr@bioline.com
Tel: +33 (0)1 42 56 04 40
Fax: +33 (0)9 70 06 62 10

Australia
info.aust@bioline.com
Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763

Singapore
Info.sg@bioline.com
Tel: +65 6774 7196
Fax +65 6774 6441

BIOLINE	**Certificate of Analysis**	**COA No: CA_XBB-0040**
		Version: 03

MyFi™ Buffer	Storage Conditions:	-20°C
	Lot number:	MFB-718410A
For Research Use Only	Expiry date:	November 2020

Quality Control Parameters

Analysis	Specification	Result
Functional	Fragments of sizes 525bpand 7Kb were amplified with a dilution series of human genomic DNA, using standard conditions and 35 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of *E. coli* and mouse genomic DNA checked. Test sample must amplify in line with a reference sample.	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 x 10^{-3} U DNase.	Passed

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Fax: +1 508 880 8993

Germany
info.de@bioline.com
Tel: +49 (0)3371 681 229
Fax: +49 (0)3371 681 244

France
Info.fr@bioline.com
Tel: +33 (0)1 42 56 04 40
Fax: +33 (0)9 70 06 62 10

Australia
info.aust@bioline.com
Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763

Singapore
Info.sg@bioline.com
Tel: +65 6774 7196
Fax +65 6774 6441