

	<b>Certificate of Analysis</b>	COA No: CA BB-0014
		Version: 01

<b>MgCl<sub>2</sub> Solution, 50mM</b>  For Research Use Only	Storage Conditions:	-20°C
	Lot number:	MG-515106
	Expiry date:	September 2017

<b>Quality Control Parameters</b>
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Analysis	Specification	Result
Functional	Fragments of sizes 800bp and 3000bp are amplified with a dilution series of BIOTAQ™ DNA Polymerase, using standard conditions and 30 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of <i>E. coli</i> 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 $2.5 \times 10^{-3}$ U DNase.	Passed

Authorised by Jade James



**Europe**  
Headquarters UK

[info.uk@bioline.com](mailto:info.uk@bioline.com)  
Tel: +44 (0)20 8830 5300  
Fax: +44 (0)20 8452 2822

**Europe**  
Germany

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

**America**

[info.us@bioline.com](mailto:info.us@bioline.com)  
Tel: +1 508 880 8990  
Fax: +1 508 880 8993

**Australia**

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