

 <small>A Medvet BioScience Company</small>	<h2>Certificate of Analysis</h2>	COA No: CA_XBB-0014
		Version: 03

<h1>MgCl<sub>2</sub> Solution, 50mM</h1> <p>Suitable for Research and further Manufacturing Use as an IVD component</p>	Storage Conditions:	-20°C
	Lot number:	MG-717111A
	Expiry date:	May 2020

### Quality Control Parameters

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

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