1M Magnesium chloride Solution

Product Name	Product Code	Kit Packing
1M Magnesium chloride Solution	ML115-100ML ML115-500ML	100 ml 500 ml

Introduction: Magnesium chloride is an ionic halide and highly soluble in water. Anhydrous Magnesium chloride is the major precursor of Magnesium metal. Magnesium plays an important role in enzymology, muscle cell physiology and in nucleic acid structure. Magnesium is an essential cofactor for many enzymes, e.g. DNase, restriction enzymes EcoRI and EcoRV and RNase H. $MgCl_2$ is an important component in the polymerase chain reactions. Since Mg^{2+} is a necessary associate ion for nucleotides in biology, such as ATP, it is used whenever RNA and DNA and their enzymes function in vitro.

1M Magnesium chloride solution is widely used in molecular biology. This solution is a sterile-filtered, pre-mixed solution.

Application: 1M Magnesium chloride solution is mainly used in molecular biology for preparation and propagation bacteriophage lambda.

Composition: 1M Magnesium chloride Solution is made from highly pure molecular biology grade Magnesium chloride and conveniently premixed to save time.

Properties:

Appearance	:	Colorless solution
Clarity	:	Clear and free of particles
DNase & RNase	:	None detected
Bioburden	:	None detected
Suitability Test	:	This product has been tested and is suitable for use.

Storage conditions: 1M Magnesium chloride Solution has to be stored at room temperature (15 - 25 °C).

Technical Assistance
At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at mb@himedialabs.com.

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