

Magnesium Chloride (2M)

Catalog #: 340-034- 721 4 x 100 mL
340-034-721EA 100 mL

Store at: 15°C to 30°C
Shipped at: ambient temperature

Description

Quality Biological's (QBI) Magnesium Chloride (2M) is prepared from reagent grade magnesium chloride ($\text{MgCl}_2 \bullet 6\text{H}_2\text{O}$) using Quality Biological's Water, Molecular Biology. The Final product is filtered through a 0.2 μm filter and sterilized.

Applications

- Mg^{++} Stock Solution for either SOB or SOC

Directions

To prepare SOB Medium

Add 10 mL of Magnesium Chloride (2M) per 1 Liter of SOB Medium. The final concentration is 20mM magnesium chloride.

To prepare SOC Medium

Add 10 mL of Magnesium Chloride (2M) per 1 liter of SOC Medium. The final concentration is 20mM magnesium chloride.

Quality Control

General

All Quality Biological products for Molecular Biology are prepared according to standard published protocols.¹ All products are subjected to a variety of quality control procedures, including pH and osmolality determinations in order to validate the product is within its specifications.

The test results of individual lots of Magnesium Chloride (2M) are available on the Quality Biological website.

References

1. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, A Laboratory Manual*, 2nd Ed. Cold Spring Harbor Laboratory Press.

Related Products

SOC Medium

Catalog # 340-031-721 4 x 100mL
340-031-721EA 100mL

Cell Culture Grade Water, Ultra Pure

Catalog # 118-162-101 500mL
118-162-101CS 10 x 500mL
118-162-131 1000mL
118-162-131CS 10 x 1000mL

All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.