

Product Specification

Product Name : Magnesium chloride solution for molecular biology, 1.00 M±0.01 M
Product Number: M1028
CAS Number: 7786-30-3
MDL Number : MFCD00011106
Molecular Formula: Cl₂Mg
Formula Weight: 95.21 g/mol



Test	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Appearance (Turbidity)	Clear
Identity positive for Mg	Positive
Heavy Metals <= 5 ppm	<= 5 ppm
DNase, Exonuclease Detection	None Detected
NICKase, Endonuclease Detection	None Detected
RNase Detection	None Detected
Protease Detection	None Detected
Concentration By EDTA titration	0.99 - 1.01 Molar
Recommended Retest Period 2 years	-----

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Version Number: PRP.00.ZQ5.1194138

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