

## Certificate of Analysis

Date of Testing: 2025-05-23 13:21:33  
Date of Next Testing: 2028-05-22 13:21:33  
Product Name: **Magnesium chloride solution**  
CAS Number: 7786-30-3  
Specifications & Purity: for molecular biology, 1.00 M±0.01 M  
Lot #: E2521117  
SKU #: **M434106**  
Version: **1**  
Analysis #: **516856**

Parameter	Limit Values	Result
Heavy metals	0-5 (ppm)	0.00 ppm
Concentration(Titration by EDTA)	0.99-1.01 (mol/L)	1.00000 mol/L
Appearance(M434106)	Colorless Clear Liquid	Colorless clear liquid
DNase, Exonuclease Detection	None Detected	none detected
NICKase,Endonuclease Detection	None Detected	none detected
RNAse Detection	None Detected	none detected
Protease Detection	None Detected	none detected



John Su  
QA & QC Manager