

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-30 14:13:42  
Date of Next Testing: 2026-11-29 14:13:42  
Product Name: **Magnesium sulfate**  
CAS Number: 10034-99-8  
Specifications & Purity: for molecular biology, suitable for plant cell culture,99.0%  
Lot #: K2228591  
SKU #: **M110771**  
Analysis: **124961**

Parameter	Limit Values	Result
Sodium(Na)	0-0.005 (%)	0.00 %
Heavy metals	0-0.001 (%)	0.00 %
Assay(Complexometric EDTA)	99-101 (%)	100.89 %
NICKase,Endonuclease Detection	none Detected	none detected
RNAse Detection	None Detected	none detected
Protease Detection	None Detected	none detected
Appearance(M110771)	White Powder or Crystals	White Powder or Crystals
Solubility (Turbidity) Clear,100 mg/mL, H2O	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
DNase, Exonuclease Detection	None Detected	none detected



John Su  
QA & QC Manager