

## Certificate of Analysis

Date of Testing: 2023-03-24 11:38:11  
Date of Next Testing: 2027-03-23 11:38:11  
Product Name: **Magnesium sulfate**  
CAS Number: 10034-99-8  
Specifications & Purity: for molecular biology, suitable for plant cell culture,99.0%  
Lot #: C2316844  
SKU #: **M110771**  
Analysis: **186467**

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 %
DNase, Exonuclease 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
NICKase,Endonuclease Detection	none Detected	none detected
RNase Detection	None Detected	none detected
Protease Detection	None Detected	none detected



John Su  
QA & QC Manager