

## Certificate of Analysis

Date of Testing: 2023-02-23 19:12:27  
Date of Next Testing: 2027-02-22 19:12:27  
Product Name: **Magnesium sulfate**  
CAS Number: 10034-99-8  
Specifications & Purity: 99.99% metals basis  
Lot #: B23171222  
SKU #: **M110774**  
Analysis: **175404**

Parameter	Limit Values	Result
Water by Karl Fischer	45-55 (%)	51.86 %
Total Impurities(ICP)	0-200 (ppm)	198.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99 %
Appearance (M110774)	White Powder or Crystals	White Powder or Crystals
ICP:Confirms Mg Component	Confirmed	Confirmed
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager