

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-23 15:58:50
 Date of Next Testing: 2028-09-22 15:58:50
 Product Name: **Magnesium sulfate monohydrate**
 CAS Number: 14168-73-1
 Specifications & Purity: $\geq 99.5\%$ metals basis
 Lot #: L2209758
 SKU #: **M164465**
 Version: **0**
 Analysis #: **573249**

Parameter	Limit Values	Result
Water by Karl Fischer	11-15 (%)	13.31 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.93 %
Total Metallic Impuritie	0-5000 (ppm)	666.00 ppm
Appearance (M164465)	White Powder or Crystals	White Powder or Crystals
ICP:Confirms Mg Component	Confirmed	Confirmed
Solubility in H ₂ O , Colorless,Clear,100 mg/mL, H ₂ O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager