

Certificate of Analysis

Date of Testing: 2022-12-15 14:20:23

Date of Next Testing: 2025-12-14 14:20:23

Product Name: **Magnesium sulfate monohydrate**

CAS Number: 14168-73-1

Specifications & Purity: $\geq 99.5\%$ metals basis

Lot #: L2209770

SKU # **M164465**

Version **0**

Analysis #: **118262**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.94 %
Total Metallic Impuritie	0-5000 (ppm)	585.00 ppm
Water by Karl Fischer	11-15 (%)	13.04 %
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