

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-11 13:45:04
Date of Next Testing: 2029-10-10 13:45:04
Product Name: **Magnesium chloride hexahydrate**
CAS Number: 7791-18-6
Specifications & Purity: AR
Lot #: I2524432
SKU #: **M116331**
Version: **3**
Analysis #: **440838**
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Barium and strontium(as Ba)	0-0.005 (%)	0.00000 %
Phosphate(PO4)	0-0.001 (%)	0.00000 %
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00070 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Assay(Complexometric EDTA)	98-102.5 (%)	102.10000 %
Total Nitrogen	0-0.005 (%)	0.00340 %
Calcium(Ca)	0-0.05 (%)	0.04900 %
Solubility in EtOH , clear, 50mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager