

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-08 17:40:38
 Date of Next Testing: 2029-08-07 17:40:38
 Product Name: **Magnesium chloride hexahydrate**
 CAS Number: 7791-18-6
 Specifications & Purity: AR
 Lot #: H2504608
 SKU #: **M116331**
 Version: **3**
 Analysis #: **437406**
 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(PO ₄)	0-0.001 (%)	0.00000 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.05 (%)	0.05000 %
Assay(Complexometric EDTA)	98-102.5 (%)	101.65000 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00000 %
Total Nitrogen	0-0.005 (%)	0.00050 %
Solubility in EtOH, clear, 50mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager