

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-21 10:19:51

Date of Next Testing: 2030-05-20 10:19:51

Product Name: **Magnesium chloride hexahydrate**

CAS Number: 7791-18-6

Specifications & Purity: AR

Lot #: D2622646

SKU #: **M116331**

Version: **3**

Analysis #: **712261**

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 (%)	0.00010 %
Phosphate(PO ₄)	0-0.001 (%)	0.00000 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00450 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Total Nitrogen	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.05 (%)	0.00000 %
Assay(Complexometric EDTA)	98-102.5 (%)	102.35000 %
Solubility in EtOH , clear, 50mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager