

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2022-06-07 17:17:29
Date of Next Testing: 2026-06-06 17:17:29
Product Name: **Magnesium chloride hexahydrate**
CAS Number: 7791-18-6
Specifications & Purity: Analytical Reagent
Lot #: F2201144
SKU #: **M116331**
Analysis: **074944**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.0005 (%)	0.00025 %
Barium and strontium(as Ba)	0-0.005 (%)	0.00300 %
Phosphate(PO ₄)	0-0.001 (%)	0.00060 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00250 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00280 %
Iron(Fe)	0-0.0005 (%)	0.00032 %
Total Nitrogen	0-0.005 (%)	0.00350 %
Calcium(Ca)	0-0.05 (%)	0.02600 %
Assay(Complexometric EDTA)	98-102.5 (%)	100.90000 %
Solubility in EtOH , clear,50mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager