

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

Date of Testing: 2026-08-26 11:46:09
Date of Next Testing: 2030-08-25 11:46:09
Product Name: **Magnesium chloride hexahydrate**
CAS Number: 7791-18-6
Specifications & Purity: AR
Lot #: H2618217
SKU #: **M116331**
Version: **3**
Analysis #: **429241**
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 (%)	0.00040 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.05 (%)	0.00690 %
Assay(Complexometric EDTA)	98-102.5 (%)	101.72000 %
Total Nitrogen	0-0.005 (%)	0.00490 %
Solubility in EtOH , clear, 50mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

