

Certificate of Analysis

Date of Testing: 2023-12-25 10:51:36
Date of Next Testing: 2027-12-24 10:51:36
Product Name: **Magnesium chloride hexahydrate**
CAS Number: 7791-18-6
Specifications & Purity: Analytical Reagent
Lot #: L2314499
SKU #: **M116331**
Analysis: **291480**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Barium and strontium(as Ba)	0-0.005 (%)	0.00 %
Phosphate(PO ₄)	0-0.001 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.01 %
Assay(Complexometric EDTA)	98-102.5 (%)	102.39 %
Total Nitrogen	0-0.005 (%)	0.00 %
Solubility in EtOH , clear,50mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager