

Certificate of Analysis

Date of Testing: 2024-12-23 14:30:20

Date of Next Testing: 2028-12-22 14:30:20

Product Name: **Magnesium chloride hexahydrate**

CAS Number: 7791-18-6

Specifications & Purity: AR

Lot #: L2413656

SKU #: **M116331**

Version: **3**

Analysis #: **437406**

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 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.05 %
Assay(Complexometric EDTA)	98-102.5 (%)	101.65 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
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