

## Certificate of Analysis

Date of Testing: 2023-03-13 16:18:48  
Date of Next Testing: 2027-03-12 16:18:48  
Product Name: **Magnesium chloride hexahydrate**  
CAS Number: 7791-18-6  
Specifications & Purity: Analytical Reagent  
Lot #: C2313479  
SKU #: **M116331**  
**Analysis:** **195158**  
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 <sub>4</sub> )	0-0.001 (%)	0.00 %
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Total Nitrogen	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.00 %
Assay(Complexometric EDTA)	98-102.5 (%)	102.32 %
Solubility in EtOH , clear,50mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager