

## Certificate of Analysis

Date of Testing: 2023-08-22 17:20:12  
Date of Next Testing: 2026-08-21 17:20:12  
Product Name: **Magnesium chloride hexahydrate**  
CAS Number: 7791-18-6  
Specifications & Purity: meets USP testing specifications  
Lot #: H2316235  
SKU #: **M434168**  
Analysis: **249462**

Parameter	Limit Values	Result
Insoluble matter	0-0.005 (%)	0.00 %
Sulfate(SO4)	0-0.005 (%)	0.00370 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Assay(Titration)	98-101 (%)	100.73 %
pH(5% solution)	4.5-7	6.27600
Appearance(M434168)	White powder or crystal	White Powder or Crystals
Barium(Ba)	Pass	Pass
Potassium(K)	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager