

## Certificate of Analysis

Date of Testing: 2023-05-27 15:14:05  
Date of Next Testing: 2027-05-26 15:14:05  
Product Name: **Magnesium chloride**  
CAS Number: 7786-30-3  
Specifications & Purity: anhydrous,powder, ≥99%  
Lot #: E2322159  
SKU #: **M113687**  
Analysis: **228560**

Parameter	Limit Values	Result
Calcium(Ca)	0-0.001 (%)	0.00 %
Water by Karl Fischer	0-2 (%)	0.51 %
Purity(Complexiometric EDTA)(Dried Basis)	99-100 (%)	100.00 %
Silicon(Si)	0-0.001 (%)	0.00 %
Potassium(K)	0-0.003 (%)	0.00 %
Iron(Fe)	0-0.03 (ppm)	0.02 ppm
Sodium(Na)	0-0.0019 (%)	0.00 %
Insoluble matter in H2O	0-0.5 (%)	0.20 %
Appearance (M113687)	White powder	White powder
ICP: Confirms Magnesium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager