

## Certificate of Analysis

Date of Testing: 2022-01-24 15:33:45  
Date of Next Testing: 2026-01-23 15:33:45  
Product Name: **Magnesium chloride**  
CAS Number: 7786-30-3  
Specifications & Purity: anhydrous,powder, ≥99%  
Lot #: A2218515  
SKU #: **M113687**  
Analysis: **069812**

Parameter	Limit Values	Result
Calcium(Ca)	0-0.001 (%)	0.00 %
Water by Karl Fischer	0-2 (%)	0.52 %
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)	0.01 ppm
Sodium(Na)	0-0.0019 (%)	0.00 %
Insoluble matter in H2O	0-0.5 (%)	0.33 %
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