

Certificate of Analysis

Date of Testing: 2023-05-27 15:22:24
Date of Next Testing: 2027-05-26 15:22:24
Product Name: **Magnesium chloride**
CAS Number: 7786-30-3
Specifications & Purity: anhydrous,powder, ≥99%
Lot #: E2322356
SKU #: **M113687**
Analysis: **228575**

| 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 (%) | 0.08 % |
| 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