

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-11 18:12:40
Date of Next Testing: 2027-08-10 18:12:40
Product Name: **Magnesium sulfate**
CAS Number: 10034-99-8
Specifications & Purity: reagent grade,99.0%
Lot #: H2310569
SKU #: **M110770**
Analysis: **263232**

| Parameter | Limit Values | Result |
|--------------------------------------|--|--|
| Chloride (Cl-) | 0-0.0005 (%) | 0.00 % |
| Zinc(Zn) | 0-0.001 (%) | 0.00 % |
| Loss on drying | 48-52 (%) | 48.69 % |
| Calcium(Ca) | 0-0.02 (µg/mg) | 0.00 µg/mg |
| Heavy metals | 0-0.0005 (%) | 0.00 % |
| Insoluble matter in H ₂ O | 0-0.005 (%) | 0.00 % |
| (As)Arsenic | 0-0.0001 (%) | 0.00 % |
| Iron(Fe) | 0-0.0005 (%) | 0.00 % |
| Sodium(Na) | 0-0.005 (%) | 0.00 % |
| Assay | 99-100 (%) | 99.99 % |
| Appearance (M110770) | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager