

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-13 17:15:19

Date of Next Testing: 2026-08-12 17:15:19

Product Name: **Magnesium sulfate**

CAS Number: 10034-99-8

Specifications & Purity: ACS

Lot #: H2209559

SKU #: **M110776****Analysis: 108814**

| Parameter | Limit Values | Result |
|-------------------------|-----------------------|-----------------------|
| Potassium(K) | 0-0.005 (%) | 0.00 % |
| Chloride (Cl-) | 0-5 (ppm) | 3.95 ppm |
| Sodium(Na) | 0-0.005 (%) | 0.00 % |
| PH | 5-8.2 | 6.26 |
| Ammonia (NH4) | 0-0.002 (%) | 0.00 % |
| Insoluble matter in H2O | 0-0.005 (%) | 0.00 % |
| Calcium(Ca) | 0-0.02 (%) | 0.00 % |
| (NO3)Nitrate | 0-0.002 (%) | 0.00 % |
| Manganese(Mn) | 0-5 (ppm) | 0.00 ppm |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Iron(Fe) | 0-5 (ppm) | 0.00 ppm |
| Strontium(Sr) | 0-0.005 (%) | 0.00 % |
| Assay | 98-102 (%) | 101.50 % |
| Appearance (M110776) | White crystals | White crystals |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager