

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-16 09:48:02

Date of Next Testing: 2030-04-15 09:48:02

Product Name: **Magnesium sulfate**

CAS Number: 10034-99-8

Specifications &amp; Purity: AR, ≥99%

Lot #: D2601254

SKU #: **M110770**

Version: **1**

Analysis #: **694826**

Storage Temperature: Room temperature

| Parameter               | Limit Values                                 | Result                                       |
|-------------------------|----------------------------------------------|----------------------------------------------|
| Chloride (Cl-)          | 0-0.0005 (%)                                 | 0.00000 %                                    |
| Zinc(Zn)                | 0-0.001 (%)                                  | 0.00000 %                                    |
| Loss on drying          | 48-52 (%)                                    | 51.87960 %                                   |
| Calcium(Ca)             | 0-0.02 (µg/mg)                               | 0.00000 µg/mg                                |
| Heavy metals            | 0-0.0005 (%)                                 | 0.00000 %                                    |
| Insoluble matter in H2O | 0-0.005 (%)                                  | 0.00000 %                                    |
| (As)Arsenic             | 0-0.0001 (%)                                 | 0.00000 %                                    |
| Iron(Fe)                | 0-0.0005 (%)                                 | 0.00000 %                                    |
| Sodium(Na)              | 0-0.005 (%)                                  | 0.00000 %                                    |
| Assay                   | 99-100 (%)                                   | 99.99010 %                                   |
| 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