

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-23 18:54:40

Date of Next Testing: 2030-03-22 18:54:40

Product Name: **Magnesium carbonate basic**

CAS Number: 39409-82-0

Specifications & Purity: USP, light

Lot #: C2623521

SKU #: **M1456026**

Version: **2**

Analysis #: **653838**

Storage Temperature: Room temperature

| Parameter                   | Limit Values          | Result                |
|-----------------------------|-----------------------|-----------------------|
| Soluble salts               | 0-1 (%)               | 0.12000 %             |
| Assay(MgO)                  | 40.0-44.5 (%)         | 42.21000 %            |
| Arsenic(As)                 | 0-4 (ppm)             | 0.00000 ppm           |
| Acid Insoluble matter       | 0-0.05 (%)            | 0.00000 %             |
| Iron(Fe)                    | 0-500 (ppm)           | 455.00000 ppm         |
| bulk density                | 0.1-0.15 (g/ml)       | 0.12000 g/ml          |
| CaO                         | ≤0.5 (%)              | 0.50000 %             |
| Total Plate Count           | 0-1000(CFU/g)         | 500.00000 cfu/g       |
| Mildew and yeasts           | 0-100 (cfu/g)         | 50.00000 cfu/g        |
| X-Ray Diffraction           | Conforms to Structure | Conforms to Structure |
| Escherichia coli&Salmonella | Negative              | Negative              |



John Su  
QA & QC Manager