

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-23 18:46:41

Date of Next Testing: 2030-03-22 18:46:41

Product Name: **Magnesium carbonate basic**

CAS Number: 39409-82-0

Specifications & Purity: USP, light

Lot #: C2623522

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