

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-14 14:38:23

Date of Next Testing: 2029-08-13 14:38:23

Product Name: **Magnesium carbonate basic**

CAS Number: 39409-82-0

Specifications & Purity: AR, 40-45% MgO basis

Lot #: J2126416

SKU #: **M112903**

Version: **0**

Analysis #: **553871**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-0.04 (%)	0.00840 %
Heavy metal (as Pb)	0-20 (ppm)	1.00000 ppm
Chloride (Cl-)	0-0.07 (%)	0.00100 %
Calcium(Ca)	0-7500 (ppm)	349.00000 ppm
Insoluble in acetic acid	0-0.05 (%)	0.00000 %
Sulfate(SO42-)	0-3000 (ppm)	99.95000 ppm
Assay(MgO)	40-45 (%)	43.10000 %
(As)Arsenic	0-2 (ppm)	0.00000 ppm
Solubility in H2O	0-1 (%)	0.00000 %
Appearance (M112903)	white powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager