

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-09 14:26:52
 Date of Next Testing: 2029-01-08 14:26:52
 Product Name: **Magnesium carbonate basic**
 CAS Number: 39409-82-0
 Specifications & Purity: AR, 40-45% MgO basis
 Lot #: C2127381
 SKU #: **M112903**
 Version: **0**
 Analysis #: **460114**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-0.04 (%)	0.00020 %
Heavy metal (as Pb)	0-20 (ppm)	1.69710 ppm
Chloride (Cl-)	0-0.07 (%)	0.02750 %
Calcium(Ca)	0-7500 (ppm)	1183.59800 ppm
Insoluble in acetic acid	0-0.05 (%)	0.04020 %
Sulfate(SO42-)	0-3000 (ppm)	1.08900 ppm
Assay(MgO)	40-45 (%)	44.91940 %
(As)Arsenic	0-2 (ppm)	1.69710 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