

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-01 18:32:38
 Date of Next Testing: 2029-06-30 18:32:38
 Product Name: **Magnesium carbonate basic**
 CAS Number: 39409-82-0
 Specifications & Purity: AR, 40-45% MgO basis
 Lot #: F2525428
 SKU #: **M112903**
 Version: **0**
 Analysis #: **374915**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(MgO)	40-45 (%)	44.10000 %
Iron(Fe)	0-0.04 (%)	0.03000 %
Heavy metal (as Pb)	0-20 (ppm)	15.00000 ppm
Calcium(Ca)	0-7500 (ppm)	6000.00000 ppm
(As)Arsenic	0-2 (ppm)	2.00000 ppm
Chloride (Cl-)	0-0.07 (%)	0.05800 %
Insoluble in acetic acid	0-0.05 (%)	0.04000 %
Sulfate(SO42-)	0-3000 (ppm)	2500.00000 ppm
Solubility in H2O	0-1 (%)	0.95000 %
Appearance (M112903)	white powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager