

## Certificate of Analysis

Date of Testing: 2022-08-08 16:41:58  
Date of Next Testing: 2026-08-07 16:41:58  
Product Name: **Magnesium carbonate basic**  
CAS Number: 39409-82-0  
Specifications & Purity: Analytical Reagent,40-45% MgO basis  
Lot #: G2220767  
SKU #: **M112903**  
**Analysis: 102326**

Parameter	Limit Values	Result
Iron(Fe)	0-0.04 (%)	0.00 %
Heavy metal (as Pb)	0-20 (ppm)	0.19 ppm
Chloride (Cl-)	0-0.07 (%)	0.05 %
Calcium(Ca)	0-7500 (ppm)	1407.00 ppm
Insoluble in acetic acid	0-0.05 (%)	0.01 %
Sulfate(SO42-)	0-3000 (ppm)	1000.00 ppm
Assay(MgO)	40-45 (%)	41.26 %
(As)Arsenic	0-2 (ppm)	0.19 ppm
Solubility in H2O	0-1 (%)	0.00 %
Appearance (M112903)	white powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager