

Certificate of Analysis

Date of Testing: 2023-12-07 15:54:36
Date of Next Testing: 2027-12-06 15:54:36
Product Name: **Magnesium carbonate basic**
CAS Number: 39409-82-0
Specifications & Purity: Analytical Reagent,40-45% MgO basis
Lot #: L2301418
SKU #: **M112903**
Analysis: 297352

Parameter	Limit Values	Result
Iron(Fe)	0-0.04 (%)	0.00 %
Heavy metal (as Pb)	0-20 (ppm)	1.70 ppm
Chloride (Cl-)	0-0.07 (%)	0.03 %
Calcium(Ca)	0-7500 (ppm)	1183.60 ppm
Insoluble in acetic acid	0-0.05 (%)	0.04 %
Sulfate(SO42-)	0-3000 (ppm)	1.09 ppm
Assay(MgO)	40-45 (%)	44.92 %
(As)Arsenic	0-2 (ppm)	1.70 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