

Certificate of Analysis

Date of Testing: 2023-11-03 12:22:28
Date of Next Testing: 2026-11-02 12:22:28
Product Name: **Magnesium oxide**
CAS Number: 1309-48-4
Specifications & Purity: $\geq 99\%$ trace metals basis, -325 mesh
Lot #: J2330565
SKU #: **M431742**
Analysis: **286336**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.98 %
Trace Metal Analysis	0-10000 (ppm)	206.00 ppm
Particle size(-325mesh)	90-100 (%)	100.00000 %
Loss on Ignition(1000°C)	0-10 (%)	0.84 %
Mg(Complexiometric EDTA)	58-60.3 (%)	60.29000 %
Appearance(M431742)	White to Off-White Powder	White to Off-White Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager