

## Certificate of Analysis

Date of Testing: 2023-11-03 12:21:58  
Date of Next Testing: 2026-11-02 12:21:58  
Product Name: **Magnesium oxide**  
CAS Number: 1309-48-4  
Specifications & Purity:  $\geq 99\%$  trace metals basis, -325 mesh  
Lot #: J2330554  
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



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QA & QC Manager