

## Certificate of Analysis

Date of Testing: 2022-12-01 08:45:59  
Date of Next Testing: 2026-11-30 08:45:59  
Product Name: **Magnesium oxide**  
CAS Number: 1309-48-4  
Specifications & Purity: 99.99% metals basis  
Lot #: K2228285  
SKU #: **M103941**  
**Analysis:** **161568**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Magnesium(Mg)	58.8-61.8 (%)	58.81 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Total Metallic Impuritie	0-200 (ppm)	99.00 ppm
Appearance (M103941)	white powder and/or lumps	white powder and/or lumps
ICP: Confirms Magnesium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager