

## Certificate of Analysis

Date of Testing: 2024-03-20 16:11:45  
Date of Next Testing: 2028-03-19 16:11:45  
Product Name: **Magnesium oxide**  
CAS Number: 1309-48-4  
Specifications & Purity: 100-300 nm,99.9% metals basis  
Lot #: C2413046  
SKU #: **M489765**  
Version: **1**  
Analysis #: **129771**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Particle size	100-300 (nm)	120.27 nm
Total Metallic Impurities	0-2000 (ppm)	915.00000 ppm
Purity(Based On Trace Metals Analysis)	≥99.9 (%)	99.91%
Appearance(M489765)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager