

## Certificate of Analysis

Date of Testing: 2022-10-21 16:11:21  
Date of Next Testing: 2026-10-20 16:11:21  
Product Name: **Magnesium oxide**  
CAS Number: 1309-48-4  
Specifications & Purity: 50-100nm,99% metals basis  
Lot #: J2218844  
SKU #: **M492985**  
Version: **1**  
Analysis #: **147207**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Particle size	50-100 (nm)	78.31 nm
Purity(Based on Trace Metals Impurities of ICP)	99-100 (%)	99.47 %
Total Metallic Impuritie	0-10000 (ppm)	5309.00 ppm
Appearance(M492985)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager