

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2024-12-26 19:01:11  
Date of Next Testing: 2028-12-25 19:01:11  
Product Name: **Magnesium oxide**  
CAS Number: 1309-48-4  
Specifications & Purity: ≥99% metals basis, 50-100nm  
Lot #: L2424528  
SKU #: **M492985**  
Version: **1**  
Analysis #: **450865**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99-100 (%)	99.95040 %
Total Metallic Impuritie	0-10000 (ppm)	496.00000 ppm
Particle size	50-100 (nm)	52.70000 nm
Appearance(M492985)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager