

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

### Certificate of Analysis

Date of Testing: 2025-06-05 08:47:17  
Date of Next Testing: 2029-06-04 08:47:17  
Product Name: **Magnesium oxide**  
CAS Number: 1309-48-4  
Specifications & Purity: ≥99% metals basis, 50-100nm  
Lot #: F2504644  
SKU #: **M492985**  
Version: **1**  
Analysis #: **516410**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99-100 (%)	99.96380 %
Total Metallic Impuritie	0-10000 (ppm)	362.00000 ppm
Particle size	50-100 (nm)	77.00000 nm
Appearance(M492985)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager