

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

### Certificate of Analysis

Date of Testing: 2026-03-04 13:53:40  
Date of Next Testing: 2030-03-03 13:53:40  
Product Name: **Magnesium oxide**  
CAS Number: 1309-48-4  
Specifications & Purity:  $\geq 99.9\%$  metals basis, 100-300 nm  
Lot #: B2628537  
SKU #: **M489765**  
Version: **1**  
Analysis #: **660945**  
Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Total Metallic Impurities	0-2000 (ppm)	575.00000 ppm
Purity(Based On Trace Metals Analysis)	$\geq 99.9$ (%)	99.94250 %
Particle size	100-300 (nm)	128.98000 nm
Appearance(M489765)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager