

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-03 09:42:14  
Date of Next Testing: 2028-12-02 09:42:14  
Product Name: **Magnesium oxide**  
CAS Number: 1309-48-4  
Specifications & Purity:  $\geq 99.9\%$  metals basis, 100-300 nm  
Lot #: K2429392  
SKU #: **M489765**  
Version: **1**  
Analysis #: **438952**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-2000 (ppm)	206.00000 ppm
Purity(Based On Trace Metals Analysis)	$\geq 99.9$ (%)	99.98 %
Particle size	100-300 (nm)	161.08 nm
Appearance(M489765)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager