

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

### Certificate of Analysis

Date of Testing: 2025-09-28 09:34:29  
Date of Next Testing: 2029-09-27 09:34:29  
Product Name: **Magnesium oxide**  
CAS Number: 1309-48-4  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
Lot #: I2522444  
SKU #: **M103941**  
Version: **0**  
Analysis #: **575120**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Magnesium(Mg)	58.8-61.8 (%)	60.75 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Total Metallic Impuritie	0-200 (ppm)	100.00 ppm
Appearance (M103941)	white powder and/or lumps	white powder and/or lumps
ICP: Confirms Magnesium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager