

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

### Certificate of Analysis

Date of Testing: 2026-04-09 13:28:48  
Date of Next Testing: 2030-04-08 13:28:48  
Product Name: **Magnesium oxide**  
CAS Number: 1309-48-4  
Specifications & Purity:  $\geq 99\%$  metals basis, 50-100nm  
Lot #: C2626524  
SKU #: **M492985**  
Version: **1**  
Analysis #: **672860**  
Storage Temperature: Room temperature, Argon charged

| Parameter                                       | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Purity(Based on Trace Metals Impurities of ICP) | 99-100 (%)            | 99.95330 %            |
| Total Metallic Impuritie                        | 0-10000 (ppm)         | 467.00000 ppm         |
| Particle size                                   | 50-100 (nm)           | 83.76000 nm           |
| Appearance(M492985)                             | White powder          | White powder          |
| X-Ray Diffraction                               | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager