

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-26 19:01:20

Date of Next Testing: 2028-12-25 19:01:20

Product Name: **Magnesium oxide**

CAS Number: 1309-48-4

Specifications & Purity: $\geq 99\%$ metals basis, 50-100nm

Lot #: L2424526

SKU #: **M492985**

Version: **1**

Analysis #: **450865**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99-100 (%)	99.95040 %
Total Metallic Impuritie	0-10000 (ppm)	496.00000 ppm
Particle size	50-100 (nm)	52.70000 nm
Appearance(M492985)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager