

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-27 11:41:49

Date of Next Testing: 2028-03-26 11:41:49

Product Name: **Magnesium oxide**

CAS Number: 1309-48-4

Specifications & Purity: 99.99% metals basis

Lot #: C2416121

SKU #: **M103941****Analysis:** **328756**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Magnesium(Mg)	58.8-61.8 (%)	58.82 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Total Metallic Impuritie	0-200 (ppm)	99.00 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