

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-27 16:54:15
Date of Next Testing: 2027-04-26 16:54:15
Product Name: **Magnesium oxide**
CAS Number: 1309-48-4
Specifications & Purity: 99.99% metals basis
Lot #: D23231210
SKU #: **M103941**
Analysis: **160341**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-200 (ppm)	90.00 ppm
Magnesium(Mg)	58.8-61.8 (%)	61.80 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
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