

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-01 17:22:36
Date of Next Testing: 2029-01-30 17:22:36
Product Name: **Aluminum oxide**
CAS Number: 1344-28-1
Specifications & Purity: 99.9% trace metals basis, crystal form Y phase 15 (nm)
Lot #: A2330377
SKU #: **A489818**
Analysis: **181825**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Trace Metal Analysis	0-100 (ppm)	90.00 ppm
Particle size	10-20 (nm)	12.00 nm
loss on Ignition	0-2 (%)	2.00 %
Appearance(A489818)	White powder	White powder
X-Ray Diffraction(γ -phase)	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager