

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

## Certificate of Analysis

Date of Testing: 2026-04-21 19:07:21  
Date of Next Testing: 2030-04-20 19:07:21  
Product Name: **Aluminum oxide**  
CAS Number: 1344-28-1  
Specifications & Purity: < 30 nm particle size, 20 wt.% aqueous solution  
Lot #: D2620182  
SKU #: **A493162**  
Version: **1**  
Analysis #: **515189**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
dispersion loading	19-21 (wt%)	20.12000 wt%
Particle size	0-30 (nm)	16.43000 nm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99360 %
Total Metallic Impurities	≤100 (ppm)	64.00000 ppm
Appearance(A493162)	white suspension	White Suspension
ICP:Confirms Aluminum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager