

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-23 16:35:38

Date of Next Testing: 2029-05-22 16:35:38

Product Name: **Aluminum oxide**

CAS Number: 1344-28-1

Specifications & Purity: < 30 nm particle size, 20 wt.% aqueous solution

Lot #: E2520120

SKU #: **A493162**

Version: **1**

Analysis #: **476620**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	0-30 (nm)	26.16000 nm
dispersion loading	19-21 (wt%)	19.10000 wt%
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99150 %
Total Metallic Impurities	≤100 (ppm)	85.00000 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