

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-12 08:49:36

Date of Next Testing: 2029-06-11 08:49:36

Product Name: **Aluminum oxide**

CAS Number: 1344-28-1

Specifications & Purity: nanoparticles, 5-10 nm particle size (TEM), 20 wt. % in H₂O

Lot #: F2510242

SKU #: **A119404**

Version: **1**

Analysis #: **508941**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Al ₂ O ₃	19-21 (wt%)	19.20000 wt%
Total Metallic Impuritie	0-200 (ppm)	99.00000 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99010 %
Particle size	5-10 (nm)	8.87000 nm
Appearance (A119404)	White Suspension	White Suspension
ICP:Confirms Aluminum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Solvent(H ₂ O)	Conform	Conform



John Su
QA & QC Manager