

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-04 09:47:33

Date of Next Testing: 2029-08-03 09:47:33

Product Name: **Aluminum oxide**

CAS Number: 1344-28-1

Specifications & Purity: nanoparticles, α -phase, 30 nm particle size, 20 wt. % in H₂O

Lot #: G2518121

SKU #: **A119405**

Version: **1**

Analysis #: **476759**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Average particle size	20-40 (nm)	30.00000 nm
Al ₂ O ₃	19-21 (wt%)	20.20000 wt%
Total Metallic Impurities	0-1000 (ppm)	90.00000 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99100 %
Solvent(H ₂ O)	Conform	Conform
Appearance (A119405)	White Suspension	White Suspension
ICP:Confirms Aluminum Component	Confirmed	Confirmed
phase(α)	α -phase	α -phase



John Su
QA & QC Manager