



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-11 11:25:17

Date of Next Testing: 2029-09-10 11:25:17

Product Name: **Aluminum oxide**

CAS Number: 1344-28-1

Specifications & Purity: nanoparticles, < 30 nm particle size, 20 wt. % in isopropanol

Lot #: I2508083

SKU #: **A119403**

Version: **0**

Analysis #: **563583**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Al ₂ O ₃	19-21 (wt%)	20.32000 wt%
Dispersion PH	7.5-9.5	7.56000
Particle size	20-30 (nm)	30.00000 nm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99000 %
Total Metallic Impuritie	0-200 (ppm)	100.00000 ppm
Solvent(Isopropanol)	Conform	Conform
Appearance (A119403)	White Suspension	White Suspension
ICP:Confirms Aluminum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager