

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-19 17:41:24

Date of Next Testing: 2029-09-18 17:41:24

Product Name: **Aluminum oxide**

CAS Number: 1344-28-1

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis, nanopowder, γ-phase, 20nm

Lot #: I2516196

SKU #: **A102091**

Version: **0**

Analysis #: **561466**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99430 %
Trace Metal Analysis	0-200 (ppm)	57.00000 ppm
Particle size	10-30 (nm)	26.95000 nm
Surface area	120-180 (m ² /g)	121.26000 m ² /g
Appearance (A102091)	white powder	White powder
ICP:Confirms Aluminum Component	Confirmed	Confirmed
phase(γ)	γ-phase	γ-phase
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager