

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-28 17:58:08

Date of Next Testing: 2031-09-27 17:58:08

Product Name: **Aluminum oxide**

CAS Number: 1344-28-1

Specifications & Purity: $\geq 99.9\%$ metals basis, crystal form Y phase 15 (nm)

Lot #: I2525745

SKU #: **A489818**

Version: **3**

Analysis #: **181825**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99100 %
Trace Metal Analysis	0-100 (ppm)	90.00000 ppm
Particle size	10-20 (nm)	12.00000 nm
loss on Ignition	0-2 (%)	2.00000 %
Appearance(A489818)	White powder	White powder
X-Ray Diffraction(γ -phase)	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager