

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-09-13 16:14:14  
Date of Next Testing: 2029-09-12 16:14:14  
Product Name: **Aluminum oxide**  
CAS Number: 1344-28-1  
Specifications & Purity:  $\geq 99.9\%$  metals basis,  $\gamma$ -phase, < 50nm  
Lot #: I2508084  
SKU #: **A396574**  
Version: **1**  
Analysis #: **579024**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.94%
Total metal impurity	0-0.1 (%)	0.06 %
Particle size	< 50 (nm)	19.25 nm
Appearance (A396574)	white powder	White powder
X-Ray Diffraction( $\gamma$ -phase)	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager