

## Certificate of Analysis

Date of Testing: 2025-08-14 08:49:06  
Date of Next Testing: 2029-08-13 08:49:06  
Product Name: **Aluminum oxide**  
CAS Number: 1344-28-1  
Specifications & Purity:  $\geq 99.9\%$  metals basis,  $\alpha$  Phase, 200-400nm  
Lot #: H2508415  
SKU #: **A498369**  
Version: **1**  
Analysis #: **519423**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95 %
total metallic impurities(by ICP Atomic emission)	0-1000 (ppm)	527.00 ppm
Particle size	200-400 (nm)	314.00 nm
Appearance(A498369)	white powder	White powder
phase( $\alpha$ )	$\alpha$ -phase	$\alpha$ -phase
surface properties,Hydrophilic	Conforms	Conforms
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager