

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-17 13:48:25  
Date of Next Testing: 2027-06-16 13:48:25  
Product Name: **Aluminum oxide**  
CAS Number: 1344-28-1  
Specifications & Purity: 99.99% metals basis,  $\alpha$ -phase, 0.40 $\mu$ m  
Lot #: F2310258  
SKU #: **H299537**  
**Analysis:** **156423**  
Storage Temperature: Protected from light

| Parameter                              | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Total Metallic Impurities              | 0-200 (ppm)           | 10.00 ppm             |
| Particle size                          | 300-500 (nm)          | 318.79 nm             |
| Purity(Based On Trace Metals Analysis) | 99.99-100 (%)         | 100.00 %              |
| Appearance (H299537)                   | White powder          | White powder          |
| phase( $\alpha$ )                      | $\alpha$ -phase       | $\alpha$ -phase       |
| X-Ray Diffraction                      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager