

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

### Certificate of Analysis

Date of Testing: 2026-05-27 10:11:15  
Date of Next Testing: 2030-05-26 10:11:15  
Product Name: **Aluminum oxide**  
CAS Number: 1344-28-1  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis, powder, 5 ~ 6um  
Lot #: E2625175  
SKU #: **A102005**  
Version: **0**  
Analysis #: **695212**  
Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| Loss on Ignition(1h at 800°C)                   | 0-3 (%)               | 0.11150 %             |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)         | 99.99490 %            |
| Total Metallic Impuritie                        | 0-200 (ppm)           | 51.00000 ppm          |
| D(50)                                           | 5-6 (µm)              | 5.87000 µm            |
| Appearance (A102005)                            | white powder          | White powder          |
| ICP:Confirms Aluminum Component                 | Confirmed             | Confirmed             |
| X-Ray Diffraction                               | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager