

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-07 16:03:18
Date of Next Testing: 2028-05-06 16:03:18
Product Name: **Aluminum oxide**
CAS Number: 1344-28-1
Specifications & Purity: nanopowder, α -phase, 150nm, 99.9%
Lot #: D2417160
SKU #: **A299286**
Analysis: 354699

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Particle size | 100-200 (nm) | 195.47 nm |
| Total Metallic Impuritie | 0-2000 (ppm) | 97.00 ppm |
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%) | 99.99 % |
| Appearance (A299286) | White powder | White powder |
| phase(α) | α -phase | α -phase |
| surface properties,Hydrophilic | Conforms | Conforms |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager