

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-29 11:27:34

Date of Next Testing: 2029-07-28 11:27:34

Product Name: **Aluminum oxide**

CAS Number: 1344-28-1

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis, ≤10μm

Lot #: G2510031

SKU #: **A491592**

Version: **1**

Analysis #: **154648**

Storage Temperature: Room temperature, Desiccated

| Parameter                                         | Limit Values           | Result                 |
|---------------------------------------------------|------------------------|------------------------|
| Purity Based on Trace Metals Impurities           | 99.99-100 (%)          | 99.99310 %             |
| total metallic impurities(by ICP Atomic emission) | ≤200 (ppm)             | 69.00000 ppm           |
| Particle size(D50)                                | ≤10 (μm)               | 7.15000 μm             |
| Loss on Ignition(1h at 800°C)                     | ≤3.0 (%)               | 0.16000 %              |
| Appearance(A491592)                               | White Powder           | White powder           |
| X-Ray Diffraction                                 | Conforms to Structure  | Conforms to Structure  |
| ICP Major Analysis                                | Confirmed to structure | Confirmed to structure |



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QA & QC Manager