

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-20 17:31:59

Date of Next Testing: 2029-10-19 17:31:59

Product Name: **Aluminum oxide**

CAS Number: 1344-28-1

Specifications & Purity: AR

Lot #: J2510167

SKU #: **A102002**

Version: **2**

Analysis #: **563139**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.005 (%)	0.00000 %
silicate (as SiO ₂)	0-1000 (ppm)	50.00000 ppm
Sulfate(SO ₄ ²⁻)	0-500 (ppm)	0.00000 ppm
Loss on ignition(1000°C, 2 h)	0-5 (%)	0.13740 %
Chloride (Cl ⁻)	0-0.01 (%)	0.00057 %
Iron(Fe)	0-0.01 (%)	0.00000 %
Alkali and alkali earth metals	0-0.5 (%)	0.01760 %
Assay(Al ₂ O ₃ basis)	98-100 (%)	99.98240 %
Appearance (A102002)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager