

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-26 13:39:20
Date of Next Testing: 2029-07-25 13:39:20
Product Name: **Aluminum oxide**
CAS Number: 1344-28-1
Specifications & Purity: AR
Lot #: G2524133
SKU #: **A102002**
Version: **2**
Analysis #: **535496**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
silicate (as SiO ₂)	0-1000 (ppm)	0.00 ppm
Sulfate(SO ₄ ²⁻)	0-500 (ppm)	251.00 ppm
Loss on ignition(1000°C,2 h)	0-5 (%)	0.04 %
Iron(Fe)	0-0.01 (%)	0.00 %
Alkali and alkali earth metals	0-0.5 (%)	0.02 %
Chloride (Cl ⁻)	0-0.01 (%)	0.01 %
Assay(Al ₂ O ₃ basis)	98-100 (%)	99.98 %
Appearance (A102002)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager