

Certificate of Analysis

Date of Testing: 2023-06-20 13:40:56
Date of Next Testing: 2027-06-19 13:40:56
Product Name: **Aluminum oxide**
CAS Number: 1344-28-1
Specifications & Purity: Analytical Reagent
Lot #: F2310778
SKU #: **A102002**
Analysis: **221016**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Assay(Al ₂ O ₃ basis)	98-100 (%)	99.82 %
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
silicate (as SiO ₂)	0-1000 (ppm)	59.00 ppm
Chloride (Cl ⁻)	0-50 (ppm)	12.60 ppm
Alkalis (as Na ₂ O)	0-0.2 (%)	0.03 %
Sulfate(SO ₄ ²⁻)	0-500 (ppm)	32.00 ppm
Iron(Fe)	0-300 (ppm)	0.00 ppm
Loss on ignition(1000°C,2 h)	0-5 (%)	4.79 %
Appearance (A102002)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager