

Certificate of Analysis

Date of Testing: 2024-08-27 18:32:38
Date of Next Testing: 2028-08-26 18:32:38
Product Name: **Aluminum oxide**
CAS Number: 1344-28-1
Specifications & Purity: Analytical Reagent
Lot #: H2421037
SKU #: **A102002**
Version: **2**
Analysis #: **395118**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Assay(Al ₂ O ₃ basis)	98-100 (%)	99.98 %
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
silicate (as SiO ₂)	0-1000 (ppm)	79.00 ppm
Sulfate(SO ₄ ²⁻)	0-500 (ppm)	208.00 ppm
Loss on ignition(1000°C,2 h)	0-5 (%)	0.45 %
Chloride (Cl ⁻)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.01 (%)	0.00 %
Alkali and alkali earth metals	0-0.5 (%)	0.02 %
Appearance (A102002)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager