

## Certificate of Analysis

Date of Testing: 2021-08-07 14:33:05  
Date of Next Testing: 2025-08-06 14:33:05  
Product Name: **Aluminum oxide**  
CAS Number: 1344-28-1  
Specifications & Purity: 99.99% metals basis, $\alpha$ -phase,0.20um  
Lot #: H2103287  
SKU #: **H102613**  
**Analysis:** **158607**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99%
Total Metallic Impuritie	0-200 (ppm)	99.00 ppm
Particle size	100-300 (nm)	171.68 nm
Appearance (H102613)	white powder	White powder
Crystal Type( $\alpha$ )	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager