

Certificate of Analysis

Date of Testing: 2024-10-18 17:09:50
Date of Next Testing: 2028-10-17 17:09:50
Product Name: **Aluminum oxide**
CAS Number: 1344-28-1
Specifications & Purity: nanoparticles, 5-10 nm particle size (TEM), 20 wt. % in H2O
Lot #: J2416230
SKU #: **A119404**
Version: **0**
Analysis #: **161911**

Parameter	Limit Values	Result
Al2O3	19-21 (wt%)	20.50 wt%
Total Metallic Impuritie	0-200 (ppm)	87.00 ppm
Dispersion PH	5-7	6.20
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99 %
Particle size	5-10 (nm)	9.06 nm
Appearance (A119404)	White Suspension	White Suspension
ICP:Confirms Aluminum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager