

Certificate of Analysis

Date of Testing: 2024-09-29 17:02:54
Date of Next Testing: 2028-09-28 17:02:54
Product Name: **Aluminum oxide**
CAS Number: 1344-28-1
Specifications & Purity: nanoparticles, α -phase, 30 nm particle size, 20 wt. % in H₂O
Lot #: I2424119
SKU #: **A119405**
Version: **1**
Analysis #: **412131**

Parameter	Limit Values	Result
Average particle size	20-40 (nm)	30.00 nm
Al ₂ O ₃	19-21 (wt%)	20.40 wt%
Total Metallic Impurities	0-1000 (ppm)	100.00 ppm
Purity (Based On Trace Metals Analysis)	99.9-100 (%)	99.99 %
Appearance (A119405)	White Suspension	White Suspension
phase (α)	α -phase	α -phase
ICP: Confirms Aluminum Component	Confirmed	Confirmed



John Su
QA & QC Manager