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ALADDIN SCIENTIFIC CORPORATION
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Certificate of Analysis

Date of Testing:	2025-03-10 13:31:29
Date of Next Testing:	2029-03-09 13:31:29
Product Name:	**Aluminum oxide**
CAS Number:	1344-28-1
Specifications & Purity:	nanoparticles, < 30 nm particle size, 20 wt. % in isopropanol
Lot #:	C2504629
SKU #	**A119403**
Version	**0**
Analysis #:	**474720**

Parameter	**Limit Values**	**Result**
Al2O3	19-21（wt%）	20.36 wt%
Particle size	20-30（nm）	30.00 nm
Purity(Based On Trace Metals Analysis)	99.99-100（%）	100.00 %
Total Metallic Impuritie	0-200（ppm）	33.00 ppm
Dispersion PH	7.5-9.5	7.50
Appearance（A119403)	White Suspension	White Suspension
Solvent(Isopropanol)	Conform	Conform
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP:Confirms Aluminum Component	Confirmed	Confirmed

John Su
QA & QC Manager