



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Aluminum Oxide
Product Number ALO-20260208
Batch Number ALO-SH2026020801
Brand SIGALD
CAS Number 1344-28-1
MDL Number MFCD00003424
Formula Al_2O_3
Formula Weight 101.96 g/mol

Quality Release Date 08 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Powder	Fine powder	-	Visual Inspection
Purity (Al_2O_3)	$\geq 99.0\%$	99.6%	%	Titration Method
Aluminum (Al) Content	52.9-53.9%	53.5%	%	Atomic Absorption Spectrometry (AAS)
Moisture Content	$\leq 0.5\%$	0.2%	%	Karl Fischer Titration
Heavy Metals (Pb)	$\leq 0.001\%$	0.0003%	%	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	$\leq 0.01\%$	0.005%	%	Spectrophotometry
Silicon (Si)	$\leq 0.1\%$	0.06%	%	Gravimetric Method
Water Insoluble Matter	$\leq 0.05\%$	0.02%	%	Gravimetric Method
Acid Insoluble Matter	$\leq 0.03\%$	0.01%	%	Gravimetric Method

Certification This batch of product has been tested in accordance with industrial standards for aluminum oxide and meets all specified requirements. It is qualified for use.

Issue Date: 08 FEB 2026