



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Aluminum Nitride
Product Number ALN-20260206
Batch Number ALN-SH2026020601
Brand SIGALD
CAS Number 24304-00-5
MDL Number MFCD00003464
Formula AlN
Formula Weight 40.99 g/mol

Quality Release Date 06 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to pale gray	White	-	Visual Inspection
Appearance (Form)	Powder	Fine powder	-	Visual Inspection
Purity (AlN)	≥ 98.0%	98.6%	%	Titration Method
Aluminum (Al) Content	65.0-66.0%	65.5%	%	Atomic Absorption Spectrometry (AAS)
Oxygen (O)	≤ 1.5%	1.0%	%	Infrared Spectroscopy
Carbon (C)	≤ 0.3%	0.2%	%	Combustion Method
Iron (Fe)	≤ 0.1%	0.06%	%	Spectrophotometry
Heavy Metals (Pb)	≤ 0.001%	0.0003%	%	Atomic Absorption Spectrometry (AAS)
Particle Size	1-10 μm	3-5 μm	μm	Laser Diffraction Method

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

Issue Date: 06 FEB 2026