



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Certificate of Analysis (COA)

Product Information

Product Name Sodium Nitride
Product Number SNN-20260204
Batch Number SNN-SH2026020401
Brand SIGALD
CAS Number 12136-83-3
MDL Number MFCD00011117
Formula Na_3N
Formula Weight 82.98 g/mol

Quality Release Date 04 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Gray to yellowish-brown	Yellowish-brown	-	Visual Inspection
Appearance (Form)	Powder	Powder	-	Visual Inspection
Purity (Na_3N)	$\geq 95.0\%$	96.2%	%	Titration Method
Sodium Oxide (Na_2O)	$\leq 3.0\%$	2.1%	%	Gravimetric Method
Moisture Content	$\leq 0.5\%$	0.2%	%	Karl Fischer Titration
Heavy Metals (Pb)	$\leq 0.001\%$	0.0004%	%	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	$\leq 0.01\%$	0.006%	%	Spectrophotometry
Insoluble Matter in Liquid Ammonia	$\leq 0.5\%$	0.3%	%	Gravimetric Method

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

Issue Date: 04 FEB 2026