



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Sodium Hydroxide
Product Number NAO-20260222
Batch Number NAO-SH2026022201
Brand SIGALD
CAS Number 1310-73-2
MDL Number MFCD00003548
Formula NaOH
Formula Weight 40.00 g/mol

Quality Release Date 22 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Flake or granular	Flake	-	Visual Inspection
Purity (NaOH)	≥ 98.0%	98.5%	%	Titration Method
Sodium Carbonate (Na ₂ CO ₃)	≤ 1.0%	0.6%	%	Titration Method
Sodium Chloride (NaCl)	≤ 0.05%	0.03%	%	Silver Nitrate Titration
Iron (Fe)	≤ 0.001%	0.0005%	%	Spectrophotometry
Heavy Metals (Pb)	≤ 0.0005%	0.0002%	%	Atomic Absorption Spectrometry (AAS)
Moisture Content	≤ 1.5%	0.9%	%	Gravimetric Method
Insoluble Matter in Water	≤ 0.01%	0.005%	%	Gravimetric Method

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

Issue Date: 22 FEB 2026