



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Sodium Sulfide
Product Number SNS-20260228
Batch Number SNS-SH2026022801
Brand SIGALD
CAS Number 1313-82-2
MDL Number MFCD00011118
Formula $\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$
Formula Weight 240.18 g/mol

Quality Release Date 28 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Pale yellow	-	Visual Inspection
Appearance (Form)	Crystalline solid	Crystalline flakes	-	Visual Inspection
Purity ($\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$)	$\geq 98.0\%$	98.3%	%	Titration Method
Sulfide (S^{2-}) Content	25.0-26.0%	25.5%	%	Iodometric Titration
Sodium Carbonate (Na_2CO_3)	$\leq 1.0\%$	0.7%	%	Titration Method
Sodium Sulfate (Na_2SO_4)	$\leq 0.5\%$	0.3%	%	Gravimetric Method
Heavy Metals (Pb)	$\leq 0.001\%$	0.0004%	%	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	$\leq 0.005\%$	0.002%	%	Spectrophotometry
Moisture Content	$\leq 0.5\%$	0.2%	%	Karl Fischer Titration

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

Issue Date: 28 FEB 2026