



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Sodium Phosphide
Product Number SNP-20260207
Batch Number SNP-SH2026020701
Brand SIGALD
CAS Number 12058-85-4
MDL Number MFCD00011119
Formula Na_3P
Formula Weight 99.94 g/mol

Quality Release Date 07 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Gray to black	Gray	-	Visual Inspection
Appearance (Form)	Powder	Powder	-	Visual Inspection
Purity (Na_3P)	$\geq 95.0\%$	96.1%	%	Titration Method
Sodium (Na) Content	69.0-70.0%	69.5%	%	Atomic Absorption Spectrometry (AAS)
Phosphorus (P) Content	30.0-31.0%	30.5%	%	Spectrophotometry
Heavy Metals (Pb)	$\leq 0.001\%$	0.0003%	%	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	$\leq 0.01\%$	0.005%	%	Spectrophotometry
Moisture Content	$\leq 0.5\%$	0.2%	%	Karl Fischer Titration
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 phosphide and meets all specified requirements. It is qualified for use.

Issue Date: 07 FEB 2026