



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Item	Details
Product Name	Sodium Formate
Product Number	SF-20260227
Batch Number	SF-SH2026022701
Brand	SIGALD
CAS Number	141-53-7
MDL Number	MFCD00003510
Formula	HCOONa
Formula Weight	68.01 g/mol
Quality Release Date	27 FEB 2026

Test Results

Test	Specification (Industrial Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder/granules	Crystalline powder	-	Visual Inspection
Purity (HCOONa)	≥ 98.0%	99.2%	%	Acid-Base Titration
Moisture Content	≤ 0.5%	0.21%	%	Karl Fischer Titration
pH Value (10% aq. solution, 25°C)	7.5-9.5	8.6	-	Digital pH Meter
Sodium Carbonate (Na ₂ CO ₃) Content	≤ 1.0%	0.35%	%	Acid-Base Titration
Sodium Chloride (NaCl) Content	≤ 0.1%	0.03%	%	Silver Nitrate Titration
Sodium Sulfate (Na ₂ SO ₄) Content	≤ 0.1%	0.02%	%	Turbidimetric Method
Heavy Metals (Pb)	≤ 5 ppm	0.8 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	≤ 5 ppm	0.6 ppm	ppm	Spectrophotometry
Insoluble Matter in Water	≤ 0.1%	0.03%	%	Gravimetric Method
Melting Point	250-255°C	253°C	°C	Melting Point Apparatus

Certification

This batch of Sodium Formate has been tested in accordance with the established industrial standards and meets all specified requirements for purity, impurities and physical properties. It is qualified for use in industrial, leather and construction applications.

Issue Date: 27 FEB 2026