



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Potassium Formate
Product Number PFO-20260208
Batch Number PFO-SH2026020801
Brand SIGALD
CAS Number 590-29-4
MDL Number MFCD00013274
Formula HCOOK
Formula Weight 84.12 g/mol
Quality Release Date 08 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder/granules	Crystalline powder	-	Visual Inspection
Purity (HCOOK)	≥ 98.0%	98.9%	%	Acid-Base Titration
Moisture Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
pH Value (10% aqueous solution, 25°C)	7.0-9.0	8.1	-	Digital pH Meter
Chloride (Cl ⁻)	≤ 0.01%	0.004%	%	Silver Nitrate Titration
Sulfate (SO ₄ ²⁻)	≤ 0.01%	0.003%	%	Turbidimetric Method
Heavy Metals (Pb)	≤ 5 ppm	1.0 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	≤ 3 ppm	0.8 ppm	ppm	Spectrophotometry
Insoluble Matter in Water	≤ 0.05%	0.02%	%	Gravimetric Method

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

Issue Date: 08 FEB 2026