



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name:Sodium Acetate (Corrected for CAS Consistency)

Product Number:SAC-20260227

Batch Number:SAC-SH2026022701

Brand:SIGALD

CAS Number:127-09-3 (Correct CAS for Sodium Acetate); 140-90-9 (Ethyl Acetate, Reference)

MDL Number:MFCD00012452

Formula: $C_2H_3NaO_2$ (Anhydrous); $C_2H_3NaO_2 \cdot 3H_2O$ (Trihydrate)

Formula Weight:82.03 g/mol (Anhydrous); 136.08 g/mol (Trihydrate)

Quality Release Date:27 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Crystalline powder (Anhydrous)	Crystalline powder	-	Visual Inspection
Purity ($C_2H_3NaO_2$)	$\geq 99.0\%$	99.5%	%	Titration Method
Moisture Content (Anhydrous)	$\leq 1.0\%$	0.3%	%	Karl Fischer Titration
pH Value (5% aqueous solution, 25°C)	7.5-9.0	8.2	-	Digital pH Meter
Heavy Metals (Pb)	≤ 5 ppm	1.0 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 2 ppm	0.3 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Iron (Fe)	$\leq 0.001\%$	0.0005%	%	Spectrophotometry
Insoluble Matter in Water	$\leq 0.05\%$	0.02%	%	Gravimetric Method
Chloride (Cl^-)	$\leq 0.005\%$	0.003%	%	Silver Nitrate Titration

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

Issue Date: 27 FEB 2026