



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

Product Name: Alpha-Hydroxy Acid (AHA)

Product Information

Product Number AHA-20260222
Batch Number AHA-SH2026022201
Brand SIGALD
CAS Number N/A (Complex mixture of glycolic, lactic, citric acids)
MDL Number N/A (No specific MDL for composite AHA mixture)
Formula Blend of Natural & Synthetic Alpha-Hydroxy Acids (Glycolic, Lactic, Citric, Malic Acid)
Formula Weight Variable (76.05-192.12 g/mol, mixed system)
Quality Release Date 22 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Clear viscous liquid	Clear viscous liquid	-	Visual Inspection
Total AHA Content	≥ 70.0%	73.5%	%	Acid-Base Titration
pH Value (25°C, 10% aqueous)	1.0-3.0	2.1	-	Digital pH Meter
Free Water Content	≤ 25.0%	22.8%	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	0.8 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.2 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Iron (Fe)	≤ 10 ppm	1.5 ppm	ppm	Spectrophotometry
Total Bacterial Count	≤ 100 CFU/mL	15 CFU/mL	CFU/mL	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Yeast & Mold	≤ 50 CFU/mL	8 CFU/mL	CFU/mL	Plate Count Method
Color Number (APHA)	≤ 50	20	-	Colorimetry
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of product has been tested in accordance with industrial standards for Alpha-Hydroxy Acid (AHA) and meets all specified requirements. It is qualified for use.

Issue Date:22 FEB 2026