



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Item	Details
Product Name	Acrylic Acid
Product Number	AA-20260218
Batch Number	AA-SH2026021801
Brand	SIGALD
CAS Number	79-10-7
MDL Number	MFCD00004362
Formula	$C_3H_4O_2$ ($CH_2=CHCOOH$)
Formula Weight	72.06 g/mol
Quality Release Date	18 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Purity ($C_3H_4O_2$)	$\geq 99.5\%$	99.7%	%	Gas Chromatography (GC)
Water Content	$\leq 0.1\%$	0.05%	%	Karl Fischer Titration
Acetic Acid Content	$\leq 0.1\%$	0.03%	%	Gas Chromatography (GC)
Propionic Acid Content	$\leq 0.05\%$	0.02%	%	Gas Chromatography (GC)
Inhibitor Content (MEHQ, 4-Methoxyphenol)	200–300 ppm	250 ppm	ppm	High Performance Liquid Chromatography (HPLC)
Color (Hazen)	≤ 10	5	-	Hazen Colorimeter
Density (25°C)	1.050–1.055 g/cm ³	1.052 g/cm ³	g/cm ³	Pycnometer
Refractive Index (20°C)	1.418–1.420	1.419	-	Refractometer

Certification

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

Issue Date: 18 FEB 2026