



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Issue Date: 05 FEB 2026

Quality Release Date: 05 FEB 2026

Product Information

Product Name Nicotinic Acid

Product Number NIC-20260205

Batch Number NIC-SH2026020501

Brand SIGALD

CAS Number 59-67-6

MDL Number MFCD00002585

Formula $C_6H_5NO_2$

Formula Weight 123.11 g/mol

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to pale yellow	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Assay (Purity)	$\geq 99.0\%$	99.7%	%	Titration Method (NaOH)
Melting Point	234-238°C	236.2°C	°C	Melting Point Apparatus
Loss on Drying	$\leq 0.5\%$	0.15%	%	105°C Oven Drying Method
Residue on Ignition	$\leq 0.1\%$	0.04%	%	Ignition at 600±50°C
Heavy Metals (Pb)	≤ 5 ppm	0.6 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Total Bacterial Count	≤ 10 CFU/g	2 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Solubility in Water (25°C)	Slightly soluble	Conforms	-	Volumetric Method
Acidity/Alkalinity	Conforms to standard	Conforms	-	pH Meter Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

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