



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

**Product Name:** Sodium Ascorbate

### Product Information

Product Number: SAA-20260225

Batch Number: SAA-N2026022501

Brand: SIGALD

CAS Number: 134-03-2

Molecular Formula:  $C_6H_7NaO_6$

Molecular Weight: 198.11 g/mol

Quality Release Date: 25 FEB 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance	White to pale yellow crystalline powder/crystals	White crystalline powder	-	Visual Inspection
Assay (Iodometric Titration)	≥ 98.0%	99.6%	%	Iodometric Titration
Sodium Content	11.0-12.5%	11.8%	%	Flame Photometry
Loss on Drying	≤ 0.5%	0.12%	%	105°C Constant Weight Method
Residue on Ignition	28.0-30.0%	29.3%	%	Gravimetric Method (800±25°C)
Heavy Metals (Pb)	≤ 5 ppm	0.6 ppm	ppm	Atomic Absorption Spectrometry
Heavy Metals (As)	≤ 1 ppm	0.07 ppm	ppm	Atomic Fluorescence Spectrometry
Iron (Fe)	≤ 10 ppm	1.9 ppm	ppm	Colorimetric Method
pH Value (5% Aqueous Solution)	7.0-8.0	7.5	-	Digital pH Meter
Solubility Test	Freely soluble in water, slightly soluble in ethanol	Complies	-	Solubility Test Method
Reducing Substances	Complies with standard	Complies	-	Chemical Titration Method

**Certification** This batch of Sodium Ascorbate has been tested in accordance with the relevant international industrial and food pharmaceutical standards. All test results meet the specified requirements, and the product is qualified for use.

**Authorized Signatory:** QA Manager

**Issue Date:** 25 FEB 2026