



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

**Product Name:** Folic Acid

**Product Number:** FA-20260225

**Batch Number:** FA-SH2026022501

**Brand:** SIGALD

**CAS Number:** 59-30-3

**Formula:** C<sub>19</sub> H<sub>19</sub> N<sub>7</sub> O<sub>6</sub>

**Formula Weight:** 441.40 g/mol

**Quality Release Date:** 25 FEB 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Form)	Yellow to orange crystalline powder	Yellow crystalline powder	-	Visual Inspection
Assay	≥98.5%	99.6%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	250°C (decomposes)	250°C (decomposes)	°C	Melting Point Apparatus
Loss on Drying	≤0.5%	0.10%	%	Vacuum Drying Method (60°C, 2h)
Residue on Ignition	≤0.1%	0.02%	%	Ignition Method at 600°C
Heavy Metals (Pb)	≤10 ppm	0.8 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤2 ppm	0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	≤0.5%	0.18%	%	HPLC
Solubility Test	Slightly soluble in water, insoluble in ethanol	Conforms	-	Solubility Test
Optical Rotation	No optical activity	Conforms	-	Polarimeter

### Certification

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

**Issue Date:** 25 FEB 2026