



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Certificate of Analysis (COA)

Issue Date: 05 FEB 2026

Quality Release Date: 05 FEB 2026

Product Information

Product Name Biotin

Product Number BIO-20260205

Batch Number BIO-SH2026020501

Brand SIGALD

CAS Number 58-85-5

MDL Number MFCD00005629

Formula $C_{10}H_{16}N_2O_3S$

Formula Weight 244.31 g/mol

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Assay (Purity)	≥ 98.0%	99.2%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	228-232°C (decomp.)	230.5°C	°C	Melting Point Apparatus
Loss on Drying	≤ 0.5%	0.2%	%	105°C Oven Drying Method
Residue on Ignition	≤ 0.1%	0.03%	%	Ignition at 600±50°C
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)
Total Bacterial Count	≤ 10 CFU/g	3 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Solubility in Water (25°C)	Slightly soluble	Conforms	-	Volumetric Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

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



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