



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Name: Cholecalciferol

Product Number: CD-20260220

Batch Number: CD-SH2026022001

Brand: SIGALD

CAS Number: 67-97-0

Formula: C₂₇ H₄₄O

Formula Weight: 384.64 g/mol

Quality Release Date: 20 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Form)	White crystalline powder	White crystalline powder	-	Visual Inspection
Assay	≥98.0%	99.4%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	84~88°C	86.2°C	°C	Melting Point Apparatus
Loss on Drying	≤0.5%	0.15%	%	Vacuum Drying Method (60°C, 2h)
Residue on Ignition	≤0.1%	0.03%	%	Ignition Method at 600°C
Heavy Metals (Pb)	≤10 ppm	1.3 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤2 ppm	0.2 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	≤1.0%	0.28%	%	HPLC
Optical Rotation (25°C, C=1 in ethanol)	+105° ~ +112°	+109.5°	°	Polarimeter

Certification

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

Issue Date: 20 FEB 2026