



# 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 Cyanocobalamin  
Product Number CCB-20260205  
Batch Number CCB-SH2026020501  
Brand SIGALD  
CAS Number 68-19-9  
MDL Number MFCD00082077  
Formula  $C_{63}H_{88}CoN_{14}O_{14}P$   
Formula Weight 1355.37 g/mol

### Test Results

Test	Specification (Industry Standard/USP)	Result	Unit	Test Method
Appearance (Color)	Dark red to dark purple	Dark red	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Assay (Purity)	≥ 98.0%	98.8%	%	High Performance Liquid Chromatography (HPLC)
Loss on Drying	≤ 12.0%	8.5%	%	105°C Oven Drying Method
Residue on Ignition	≤ 0.5%	0.32%	%	Ignition at 600±50°C
Heavy Metals (Pb)	≤ 5 ppm	0.9 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)	Sparingly soluble	Conforms	-	Volumetric Method
pH (1% aqueous suspension, 25°C)	4.0-6.0	5.1	-	Digital pH Meter
Cobalt Content	4.3-4.8%	4.6%	%	Atomic Emission Spectrometry (AES)
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

### Certification

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