



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)

- Coumarin

Product Name: Coumarin

Product Number CM-20260220
Batch Number CM-SH2026022001
Brand SIGALD
CAS Number 91-64-5
MDL Number MFCD00006845
Formula $C_9H_6O_2$
Formula Weight 146.14 g/mol
Quality Release Date 20 FEB 2026

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)	≥ 99.0%	99.5%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	68.0-70.0°C	69.2°C	°C	Melting Point Apparatus
Loss on Drying	≤ 0.5%	0.2%	%	Vacuum Drying at 60°C for 2h
Residue on Ignition	≤ 0.1%	0.03%	%	Ignition at 800±25°C
Heavy Metals (Pb)	≤ 10 ppm	2.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 2 ppm	0.4 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Chloride (Cl ⁻)	≤ 0.01%	0.003%	%	Volumetric Method
Sulfate (SO ₄ ²⁻)	≤ 0.01%	0.002%	%	Turbidimetric Method
Solubility in Ethanol (95%)	Soluble	Soluble	-	Visual Inspection (1g/10mL, 25°C)
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

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

Issue Date: 20 FEB 2026