



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

- Benzyl Cinnamate

Product Name: Benzyl Cinnamate **Product Information**

Product Number BC-20260222
Batch Number BC-SH2026022201
Brand SIGALD
CAS Number 103-41-3
MDL Number MFCD00004469
Formula $C_{16}H_{14}O_2$
Formula Weight 238.28 g/mol
Quality Release Date 22 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/flakes	Crystalline powder	-	Visual Inspection
Assay (Purity)	≥ 98.5%	99.2%	%	Gas Chromatography (GC)
Melting Point	34.0-38.0°C	36.5°C	°C	Melting Point Apparatus
Loss on Drying	≤ 0.5%	0.18%	%	Vacuum Drying at 60°C for 2h
Residue on Ignition	≤ 0.1%	0.04%	%	Ignition at 800±25°C
Heavy Metals (Pb) ≤ 5 ppm		0.9 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As) ≤ 1 ppm		0.2 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Acid Value (mg KOH/g)	≤ 1.0	0.3	mg KOH/g	Titrimetric Method
Solubility in 95% Ethanol	1:2 soluble (25°C)	1:2 soluble	-	Visual Inspection
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

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

Issue Date: 22 FEB 2026