



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

- Cinnamyl Alcohol

Product Name: Cinnamyl Alcohol **Issue Date:** 20 FEB 2026 **Quality Release Date:** 20 FEB 2026

Product Information

Product Number CAI-20260220
Batch Number CAI-SH2026022001
Brand SIGALD
CAS Number 104-54-1
MDL Number MFCD00004596
Formula $C_9H_{10}O$
Formula Weight 134.18 g/mol

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Assay (Cinnamyl Alcohol)	≥ 98.0%	98.8	%	Gas Chromatography (GC)
Boiling Point	257-259 °C	258.3	°C	Distillation Method
Melting Point	30-33 °C	31.5	°C	Differential Scanning Calorimetry (DSC)
Refractive Index (20 °C)	1.5810-1.5850	1.5832	-	Abbe Refractometer
Relative Density (20/20 °C)	1.038-1.044	1.041	-	Hydrometer Method
Water Content	≤ 0.1%	0.02	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	0.7	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.1	ppm	Atomic Fluorescence Spectrometry (AFS)
Residue on Ignition	≤ 0.05%	0.01	%	Gravimetric Method
Acid Value	≤ 0.5 mg KOH/g	0.2	mg KOH/g	Titration Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of Cinnamyl Alcohol has been tested in accordance with the relevant industrial standards for fine chemical raw materials and meets all specified requirements. It is qualified for use.