



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

- Cinnamic Aldehyde

Product Name: Cinnamic Aldehyde **Issue Date:** 15 FEB 2026 **Quality Release Date:** 15 FEB 2026

Product Information

Product Number CA-20260215
Batch Number CA-SH2026021501
Brand SIGALD
CAS Number 104-55-2
MDL Number MFCD00006994
Formula C_9H_8O
Formula Weight 132.16 g/mol

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Yellow to light brown	Light yellow	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Assay (Cinnamic Aldehyde)	≥ 98.0%	98.7	%	Gas Chromatography (GC)
Boiling Point	246-248°C	247.2	°C	Distillation Method
Melting Point	-8 to -6°C	-7.1	°C	Differential Scanning Calorimetry (DSC)
Refractive Index (20°C)	1.6180-1.6220	1.6201	-	Abbe Refractometer
Relative Density (20/20°C)	1.046-1.052	1.049	-	Hydrometer Method
Water Content	≤ 0.1%	0.03	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	0.9	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.2	ppm	Atomic Fluorescence Spectrometry (AFS)
Residue on Ignition	≤ 0.05%	0.01	%	Gravimetric Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of Cinnamic Aldehyde 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.