



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)

- Hexylcinnamic Aldehyde

Issue Date: 28 February 2026 **Product Name:** Hexylcinnamic Aldehyde **CAS Number:** 101-86-0
Product Number: HCA-20260228 **Batch Number:** HCA-SH2026022801 **Brand:** SIGALD **Formula:** C₁₅H₂₂O
Molecular Weight: 218.34 g/mol **Quality Release Date:** 28 February 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection (25°C)
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection (25°C)
Odor	Characteristic jasmine-like floral scent	Characteristic jasmine-like floral scent	-	Sensory Test
Assay	≥ 98.0%	99.5%	%	Gas Chromatography (GC)
Boiling Point	290-295°C	293.2°C	°C	Distillation Method
Refractive Index (25°C)	1.5580-1.5620	1.5605	-	Abbe Refractometer
Relative Density (25/25°C)	0.940-0.946	0.943	g/cm ³	Hydrometer Method
Water Content	≤ 0.3%	0.12%	%	Karl Fischer Titration
Residue on Evaporation	≤ 0.1%	0.04%	%	Gravimetric Method
Heavy Metals (Pb)	≤ 5 ppm	< 1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	< 0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of Hexylcinnamic Aldehyde has been tested in accordance with the relevant industrial standards for fragrance raw materials and all test results meet the specified requirements. The product is qualified for use.