



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### - Amylcinnamyl Alcohol

**Product Name:** Amylcinnamyl Alcohol

#### Product Information

Product Number ACA-20260225  
Batch Number ACA-SH2026022501  
Brand SIGALD  
CAS Number 101-85-9  
MDL Number MFCD00002915  
Formula  $C_{14}H_{20}O$   
Formula Weight 204.31 g/mol  
Quality Release Date 25 FEB 2026

#### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Clear viscous liquid	Clear viscous liquid	-	Visual Inspection
Assay (Purity)	≥ 98.0%	98.9%	%	Gas Chromatography (GC)
Boiling Point	140-145°C (10 mmHg)	142.5°C (10 mmHg)	°C	Distillation Method
Refractive Index (25°C)	1.5420-1.5480	1.5456	-	Abbe Refractometer
Relative Density (25/25°C)	0.958-0.964	0.961	-	Pycnometer Method
Acid Value (mg KOH/g)	≤ 0.5	0.2	mg KOH/g	Titrimetric Method
Water Content	≤ 0.3%	0.12%	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	0.8 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Solubility in 95% Ethanol	1:2 soluble	1:2 soluble	-	Visual Inspection (25°C)
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

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

**Issue Date:** 25 FEB 2026