



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

- Amyl Cinnamal

Product Name: Amyl Cinnamal Product Information

Product Number AC-20260228
Batch Number AC-SH2026022801
Brand SIGALD
CAS Number 122-40-7
MDL Number MFCD00006856
Formula $C_{14}H_{18}O$
Formula Weight 202.29 g/mol
Quality Release Date 28 FEB 2026

Test Results

| Test | Specification (Industry Standard) | Result | Unit | Test Method |
|----------------------------|-----------------------------------|--------------|----------|--|
| Appearance (Color) | Pale yellow to light orange | Pale yellow | - | Visual Inspection |
| Appearance (Form) | Clear liquid | Clear liquid | - | Visual Inspection |
| Assay (Purity) | ≥ 98.0% | 98.7% | % | Gas Chromatography (GC) |
| Boiling Point | 260-270°C | 265.3°C | °C | Distillation Method |
| Refractive Index (25°C) | 1.5500-1.5560 | 1.5532 | - | Abbe Refractometer |
| Relative Density (25/25°C) | 0.950-0.956 | 0.954 | - | Pycnometer Method |
| Acid Value (mg KOH/g) | ≤ 1.0 | 0.3 | mg KOH/g | Titrimetric Method |
| Peroxide Value | ≤ 10 meq/kg | 4 meq/kg | meq/kg | Iodometric Titration |
| Heavy Metals (Pb) | ≤ 5 ppm | 1.0 ppm | ppm | Atomic Absorption Spectrometry (AAS) |
| Heavy Metals (As) | ≤ 1 ppm | 0.2 ppm | ppm | Atomic Fluorescence Spectrometry (AFS) |
| Water Content | ≤ 0.5% | 0.15% | % | Karl Fischer Titration |
| Solubility in 95% Ethanol | 1:5 soluble | 1:5 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 Amyl Cinnamal and meets all specified requirements. It is qualified for use.

Issue Date: 28 FEB 2026