



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

- Eugenol

Product Name: Eugenol **Quality Release Date:** 26 FEB 2026 **Issue Date:** 26 FEB 2026

Product Information

Product Number EUG-20260226
Batch Number EUG-SH2026022601
Brand SIGALD
CAS Number 97-53-0
MDL Number MFCD00002267
Formula $C_{10}H_{12}O_2$
Formula Weight 164.20 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 (Purity)	≥ 99.0%	99.6%	%	Gas Chromatography (GC)
Boiling Point	253-255°C	254.2°C	°C	Distillation Method
Refractive Index (20°C)	1.538-1.544	1.541	-	Abbe Refractometer
Relative Density (20/20°C)	1.062-1.068	1.065	g/cm ³	Hydrometer Method
Flash Point (Closed Cup)	≥ 110°C	118°C	°C	Pensky-Martens Method
Water Content	≤ 0.1%	0.04%	%	Karl Fischer Titration
Acid Value (as KOH)	≤ 0.5 mg/g	0.2 mg/g	mg/g	Titration with KOH
Heavy Metals (Pb)	≤ 5 ppm	0.7 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Residue on Evaporation	≤ 0.1%	0.02%	%	Gravimetric Method
Odor	Characteristic clove-like spicy floral odor	Conforms	-	Sensory Evaluation

Certification

This batch of Eugenol has been tested in accordance with the relevant industrial standards for fragrance, flavor, cosmetic and pharmaceutical raw materials and meets all specified requirements. It is qualified for use.