



# 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

### - Isoeugenol

**Product Name:** Isoeugenol **Issue Date:** 22 FEB 2026 **Quality Release Date:** 22 FEB 2026

### Product Information

Product Number IE-20260222  
Batch Number IE-SH2026022201  
Brand SIGALD  
CAS Number 97-54-1  
MDL Number MFCD00002216  
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	Pale yellow	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Assay (Isoeugenol)	≥ 99.0%	99.3	%	Gas Chromatography (GC)
Boiling Point	261-263°C	262.4	°C	Distillation Method
Melting Point	-10 to -8°C	-9.0	°C	Differential Scanning Calorimetry (DSC)
Refractive Index (20°C)	1.5730-1.5770	1.5751	-	Abbe Refractometer
Relative Density (20/20°C)	1.083-1.089	1.086	-	Hydrometer Method
Water Content	≤ 0.1%	0.04	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	0.6	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.1	ppm	Atomic Fluorescence Spectrometry (AFS)
Residue on Ignition	≤ 0.05%	0.01	%	Gravimetric Method
Acid Value	≤ 1.0 mg KOH/g	0.3	mg KOH/g	Titration Method
Eugenol Content	≤ 0.5%	0.2	%	Gas Chromatography (GC)

### Certification

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