



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

- Citronellol

Product Name: Citronellol **Issue Date:** 15 FEB 2026 **Quality Release Date:** 15 FEB 2026

Product Information

Product Number C-20260215
Batch Number C-SH2026021501
Brand SIGALD
CAS Number 106-22-9
MDL Number MFCD00002914
Formula $C_{10}H_{20}O$
Formula Weight 156.27 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 (Citronellol)	≥ 98.0%	98.8	%	Gas Chromatography (GC)
Boiling Point	220-222°C	221.5	°C	Distillation Method
Melting Point	-7 to -4°C	-5.8	°C	Differential Scanning Calorimetry (DSC)
Refractive Index (20°C)	1.4520-1.4580	1.4553	-	Abbe Refractometer
Relative Density (20/20°C)	0.850-0.856	0.853	-	Hydrometer Method
Water Content	≤ 0.1%	0.04	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	1.1	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.2	ppm	Atomic Fluorescence Spectrometry (AFS)
Residue on Ignition	≤ 0.05%	0.02	%	Gravimetric Method
Optical Rotation (20°C)	-2° to +2°	+0.5°	°	Polarimeter Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

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