



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

- Hydroxycitronellal

Product Name: Hydroxycitronellal **Issue Date:** 20 FEB 2026 **Quality Release Date:** 20 FEB 2026

Product Information

Product Number HC-20260220
Batch Number HC-SH2026022001
Brand SIGALD
CAS Number 107-75-5
MDL Number MFCD00004595
Formula $C_{10}H_{20}O_2$
Formula Weight 172.26 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 (Hydroxycitronellal)	≥ 98.0%	98.6	%	Gas Chromatography (GC)
Boiling Point	247-249 °C	248.1	°C	Distillation Method
Melting Point	-10 to -8 °C	-9.2	°C	Differential Scanning Calorimetry (DSC)
Refractive Index (20 °C)	1.4480-1.4520	1.4503	-	Abbe Refractometer
Relative Density (20/20 °C)	0.922-0.928	0.925	-	Hydrometer Method
Water Content	≤ 0.1%	0.03	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	0.8	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	0.4	mg KOH/g	Titration Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of Hydroxycitronellal 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.