



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

- Citral

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

### Product Information

Product Number CIT-20260226  
Batch Number CIT-SH2026022601  
Brand SIGALD  
CAS Number 5392-40-5  
MDL Number MFCD00006960  
Formula  $C_{10}H_{16}O$   
Formula Weight 152.23 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 (Purity, cis + trans)	≥ 95.0%	96.8%	%	Gas Chromatography (GC)
Boiling Point	228-230°C	229.5°C	°C	Distillation Method
Refractive Index (20°C)	1.486-1.492	1.489	-	Abbe Refractometer
Relative Density (20/20°C)	0.880-0.888	0.885	g/cm <sup>3</sup>	Hydrometer Method
Flash Point (Closed Cup)	≥ 90°C	94°C	°C	Pensky-Martens Method
Water Content	≤ 0.1%	0.05%	%	Karl Fischer Titration
Acid Value (as KOH)	≤ 1.0 mg/g	0.4 mg/g	mg/g	Titration with KOH
Heavy Metals (Pb)	≤ 5 ppm	1.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Residue on Evaporation	≤ 0.1%	0.03%	%	Gravimetric Method
Odor	Characteristic strong lemon citrus odor	Conforms	-	Sensory Evaluation

### Certification

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