



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

- Linalool

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

Product Information

Product Number L-20260215
Batch Number L-SH2026021501
Brand SIGALD
CAS Number 78-70-6
MDL Number MFCD00002148
Formula $C_{10}H_{18}O$
Formula Weight 154.25 g/mol

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Assay (Linalool)	≥ 98.0%	98.6	%	Gas Chromatography (GC)
Boiling Point	198-200°C	199.2	°C	Distillation Method
Melting Point	-10 to -6°C	-8.3	°C	Differential Scanning Calorimetry (DSC)
Refractive Index (20°C)	1.4600-1.4640	1.4621	-	Abbe Refractometer
Relative Density (20/20°C)	0.854-0.860	0.857	-	Hydrometer Method
Water Content	≤ 0.1%	0.05	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	1.3	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)	±10°	+2.1°	°	Polarimeter Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of Linalool 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.