



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

- Patchouli Oil

Product Name: Patchouli Oil Product Information

Product Number POL-20260222
Batch Number POL-SH2026022201
Brand SIGALD
CAS Number 8014-89-7
MDL Number MFCD00148101
Formula Main component: Patchoulol (C₁₅ H₂₆ O), natural essential oil mixture
Formula Weight Variable (natural complex mixture)
Quality Release Date 22 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Dark amber to brown	Dark amber	-	Visual Inspection
Appearance (Form)	Viscous liquid	Viscous liquid	-	Visual Inspection
Patchoulol Content	≥ 25.0%	32.8%	%	Gas Chromatography (GC)
Refractive Index (20°C)	1.5050-1.5150	1.5092	-	Abbe Refractometer
Relative Density (20/20°C)	0.950-0.970	0.961	-	Pycnometer Method
Optical Rotation (20°C)	-60.0° to -45.0°	-52.5°	°	Polarimeter
Heavy Metals (Pb)	≤ 5 ppm	0.4 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Water Content	≤ 0.5%	0.12%	%	Karl Fischer Titration
Acid Value (mg KOH/g)	≤ 5.0	2.1	mg KOH/g	Titrimetric Method
Solubility in 95% Ethanol	1:5 soluble (25°C)	1:5 soluble	-	Visual Inspection
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification This batch of product has been tested in accordance with industrial standards for Patchouli Oil and meets all specified requirements. It is qualified for use.

Issue Date: 22 FEB 2026