



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### - Sweet Bay Oil

**Product Name:** Sweet Bay Oil (Bay Laurel Oil)**Product Information**

Product Number	SBO-20260226
Batch Number	SBO-SH2026022601
Brand	SIGALD
CAS Number	8007-65-6
MDL Number	MFCD00148158
Formula	Main component: 1,8-Cineole (Eucalyptol, C <sub>10</sub> H <sub>18</sub> O), natural essential oil mixture
Formula Weight	Variable (natural complex mixture)
Quality Release Date	26 FEB 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Clear mobile liquid	Clear mobile liquid	-	Visual Inspection
1,8-Cineole Content	≥ 40.0%	45.2%	%	Gas Chromatography (GC)
Refractive Index (20°C)	1.4580-1.4680	1.4625	-	Abbe Refractometer
Relative Density (20/20°C)	0.915-0.935	0.924	-	Pycnometer Method
Optical Rotation (20°C)	-10.0° to +5.0°	+1.8°	°	Polarimeter
Heavy Metals (Pb)	≤ 5 ppm	0.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.08 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Water Content	≤ 0.5%	0.07%	%	Karl Fischer Titration
Acid Value (mg KOH/g)	≤ 3.0	1.2	mg KOH/g	Titrimetric Method
Solubility in 70% Ethanol	1:4 soluble (25°C)	1:4 soluble	-	Visual Inspection
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

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

**Issue Date:** 26 FEB 2026