



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

- Oak Moss Extracts

Product Name: Oak Moss Extracts Product Information

Product Number OME-20260227
Batch Number OME-SH2026022701
Brand SIGALD
CAS Number 90028-68-5
MDL Number MFCD00148210
Formula Natural lichen extract mixture (Main components: Evernic acid, Usnic acid)
Formula Weight Variable (natural complex mixture)
Quality Release Date 27 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Olive green to brown	Olive green	-	Visual Inspection
Appearance (Form)	Viscous liquid to paste	Viscous liquid	-	Visual Inspection
Total Lichen Acid Content	≥ 8.0%	9.5%	%	High Performance Liquid Chromatography (HPLC)
Refractive Index (20°C)	1.5100-1.5300	1.5188	-	Abbe Refractometer
Relative Density (20/20°C)	1.020-1.060	1.042	-	Pycnometer Method
Acid Value (mg KOH/g)	20.0-40.0	28.6	mg KOH/g	Titrimetric Method
Heavy Metals (Pb)	≤ 5 ppm	0.4 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.09 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Water Content	≤ 1.0%	0.5%	%	Karl Fischer Titration
Ethanol Insoluble Matter	≤ 2.0%	1.2%	%	Gravimetric Method
Solubility in 95% Ethanol	1:3 soluble (25°C)	1:3 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 Oak Moss Extracts and meets all specified requirements. It is qualified for use.

Issue Date: 27 FEB 2026