

CERTIFICATE OF ANALYSIS

Sea Buckthorn Berry Oil · Launch batch

BATCH CODE	AMB-BO-2025-A
PRODUCT	Sea Buckthorn Berry Oil · 30 ml dropper bottle
HARVEST	Autumn 2025 · Wild Ladakhi Hippophae rhamnoides
PROCESSED	Supercritical CO ₂ extraction · December 2025
BEST BEFORE	December 2027

Analytical composition — reference values

The values below are drawn from an **independent NABL-accredited laboratory analysis** of Amberbio's wild Ladakhi Berry Oil, performed by **Avon Food Lab (Pvt.) Ltd., New Delhi** (NABL Cert. TC-5547). Batch AMB-BO-2025-A is currently being independently re-analysed; the batch-specific COA will replace this reference on arrival.

PARAMETER	RESULT	UNIT	METHOD
Omega-7 (palmitoleic + vaccenic acids)	55.05	g / 100 g	AOAC 996.06:2019 (GC-FID)
Omega-9 (oleic acid)	14.93	g / 100 g	AOAC 996.06:2019 (GC-FID)
Omega-6 (linoleic acid)	2.05	g / 100 g	AOAC 996.06:2019 (GC-FID)
Vitamin E (total tocopherols)	63.50	mg / 100 g	AACC 86.06 (10th ed., 2000)
Total fat	99.4	g / 100 g	AOAC 996.06:2019
Palmitoleic acid (C16:1) — % of fatty acids	45.53	%	GC-FID chromatogram
Vaccenic acid (C18:1n7) — % of fatty acids	10.06	%	GC-FID chromatogram

Purity & safety indicators

PARAMETER	STATUS
Solvent residues (hexane, ethanol)	Not applicable — supercritical CO ₂ extraction only
Preservatives / additives	None — 100% botanical
Heavy metals	Under upstream manufacturer NABL certification

Pesticide residues	MRL compliant per upstream certification
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Reference source: Avon Food Lab (Pvt.) Ltd., New Delhi · NABL Accreditation Cert. TC-5547 · Test Report ref. F/202012230018 (AFLPL/F/231220018) · Issued 29 Dec 2020 · Signatory: V. Boran, Section Incharge — Instrumentation. Full analytical register: amberbio.in/nutrition-sources

Note: This document is a launch-batch reference. Batch AMB-BO-2025-A is currently under independent NABL re-analysis; the batch-specific COA will replace this reference on arrival. The current NABL-accredited lab report is available on written request to hello@amberbio.in.

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