

Sea Buckthorn (Hunza Wild-Harvest)

Hippophae rhamnoides · 2,000-3,500m altitude · vitamin C 1,200-2,500 mg/100g · berries · powder · oil · juice

HS CODE	ALTITUDE	VIT C	MOQ	HARVEST
0810.90 1212.99 (oils)	2-3.5 km Hunza · Gilgit	1,200-2,500 mg/100g	500 kg berries · 200 kg powder	Sep-Nov wild · hand-picked

ORIGIN & HARVEST

Gilgit-Baltistan + Hunza Valley + Skardu + Ghizer + Nagar districts of northern Pakistan. Wild-harvest at 2,000-3,500m altitude. Hand-picked by local communities under AKRSP + PTDC programs. Harvest Late September to mid-November. Annual production ~150-300 MT (small relative to global cultivated supply).

SPECIFICATIONS

Moisture (berries)	≤ 12 %
Foreign matter	≤ 2 %
Color	Deep orange-red
Vitamin C	1,200 - 2,500 mg/100g
Total flavonoids	1.8 - 3.5 %
Omega-7 (palmitoleic acid, in pulp oil)	25 - 40 %
Omega-3 (linolenic, seed oil)	30 - 35 %
Omega-6 (linoleic, seed oil)	30 - 40 %
Heavy metals	Pb ≤ 2, As ≤ 0.5, Cd ≤ 0.5, Hg ≤ 0.1 ppm
Microbial	TPC ≤ 10 ⁶ cfu/g · pathogens absent

FORMS / GRADES AVAILABLE

Whole dried berries. Orange-red preserved · tea, superfood retail. Sun-dried or freeze-dried.

Berry powder (mesh 60-80). Freeze-dried or air-dried · capsules, food fortification.

Seed oil (cold-pressed). Omega-3 + omega-6 rich · cosmetic + nutraceutical.

Pulp/fruit oil (CO₂-extracted). Omega-7 + carotenoids · premium cosmetic.

Juice concentrate (65° Brix). Beverage industry + nutraceutical formulations.

CERTIFICATIONS

ISO 22000, HACCP, Halal, Phytosanitary. Wild-harvest source documentation. ISO 22716 cosmetics GMP for cosmetic-grade oils. Heavy-metals + microbial COA per shipment. Organic certification not standing — coordinated per-shipment via partner certifier.

LOGISTICS

Karachi → Jebel Ali ~3-5 days; Saudi Jeddah ~5-7 days; EU Hamburg/Rotterdam ~22-28 days; USA East Coast ~28-32 days. Refrigerated transport recommended for oils (oxidation prevention). FCL: berries 8-12 MT (lower density), powder 14-18 MT, oils in 50-200 kg steel drums (often air-freight for high-value).

REQUEST QUOTE

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Spec sheet generated 2026-04-29 · specifications subject to harvest variation · lab COA per shipment