

PRODUCT NAME	PRODUCT CODE	LOT
Seabuckthorn Pulp CO2-to	CO370	162101
BEST BEFORE DATE	DATE OF ISSUE	
30. 3. 2031	13. 8. 2026	

All data and facts above are taken from the certificate provided by the manufacturer. This certificate confirms that the product meets all specified quality parameters and regulatory requirements.

1 GENERAL IDENTIFICATION DATA

PARAMETER	VALUE
INCI	Hippophae Rhamnoides Fruit Extract, Rosmarinus Officinalis Leaf Extract
CAS No.	90106-68-6, 84604-14-8
EC number	290-292-8, 283-291-9
HS code	13021970
Botanical source	Hippophae rhamnoides L.
Product color	Red, Orange
Country of origin	Germany
Grade	Cosmetic Grade, Food Grade
Processing method	CO2 Extraction
Origin of product	Vegetable
Storage conditions	Store in a dry and clean environment, Store in a cool place, Protect from light, Keep container tightly closed
Odour	Characteristic
Appearance	Oil solution

2 ANALYTICAL PARAMETERS

PARAMETER	RESULT	SPECIFICATION
Water activity (a_w)	0,656	< 0,7
alpha-Tocopherol (%)	0,20	n.s.
Benzo[a]pyrene, C20H12 (ppm)	0,00044	< 0,002
Total monounsaturated fatty acids (%)	53,9	n.s.
Total saturated fatty acids (%)	36,1	n.s.
Total polyunsaturated fatty acids (%)	10,0	n.s.

Total tocopherol content (%)	0,20	
Total fat (%)	100,0	n.s.
Acid value (mg KOH/g)	12,2	4 - 18
Ester value (mg KOH/g)	175	n.s.
Refractive index at 20 °C	1,4691	1,460- 1,480
Iodine value (g I2/100 g)	68	50 - 90
Carotenoids (%)	0,16	0,10 - 0,20
Unsaponifiable matter (%)	7	1 - 7
Water content (%)	0,37	< 1
Peroxide value (meq O2/kg)	2,5	< 11
Saponification value (mg KOH/g)	187	170 - 210
Total sterols (as sitosterol) (%)	1,9	> 1
Sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene (ppm)	0,010	< 0,010
Specific density at 20 °C (g/cm3)	0,9152	0,900 - 0,925

3 FATTY ACID PROFILE

PARAMETER	RESULT	SPECIFICATION
Alpha-linolenic acid C18:3	1,8	< 5
Arachidic acid C20:0	0,20	n.s.
Linoleic acid C18:2	8,2	1 - 9
Oleic acid C18:1	13,9	10 - 28
Palmitoleic acid C16:1	33,8	22 - 40
Palmitic acid C16:0	35,0	30 - 40
Stearic acid C18:0	0,91	< 3
Vaccenic acid C18:1	6,3	4 - 9

Document is signed with a qualified electronic signature, which has the same legal effect as a handwritten signature.

DIGITALLY SIGNED DOCUMENT

Signed by: Handymade s.r.o. — Quality department

Signed on: 13. 8. 2026 · Fingerprint: 7F6D C85A 3E6D 546C

Handymade

Handymade s.r.o. IČO 48 230 11
Montážna 15 IČ DPH SK2120102314
971 01 Prievidza www.handymade.sk