

Product Information Sheet

Product information			
Product name	Puredia SeaBerry® Seed Oil	Place of origin	Tibetan Plateau
Herbal name	<i>Hippophae rhamnoides</i> L	Part used	Seed
Extraction method	Supercritical CO ₂ extraction	Shelf life	3 years from date of manufacture

Test items	Specification	Method
Characteristics		
Appearance	Clear orange yellow liquid	GB/T 5525
Odor	Characteristic	GB/T 5525
Active ingredients	Vitamin E (HPLC) ≥ 120 mg/100 g	GB/T 5009.82
	α-tocopherol (HPLC) ≥ 30 mg/100 g	GB/T 5009.82
	Linolenic acid (GC) 23-31%	GB 5009.168
	Linoleic acid (GC) 30-38%	GB 5009.168
	Oleic acid (GC) 15-25%	GB 5009.168
Additive*	None	
Physical and chemical properties		
Refractive index (N _D ²⁰)	1.4700 - 1.4800	GB/T 5527
Density (20°C)	0.8900 - 0.9550	GB/T 5526
Iodine value	140 - 180 g/100g	GB/T 5532
Moisture and volatile matter	≤ 0.2%	GB 5009.236
Impurity	≤ 0.15%	GB/T 5529
Acid value	≤ 15 mg KOH/g	GB 5009.229
Saponification value	180 - 210 mg KOH/g	GB/T 5534
Unsaponifiable constituents	≥ 1%	GB/T 5535.2
Peroxide value	≤ 0.25 g/100g	GB 5009.227
Arsenic (As)	≤ 0.1 ppm	GB/T 5009.11
Lead (Pb)	≤ 0.1 ppm	GB/T 5009.12
Mercury (Hg)	≤ 0.05 ppm	GB/T 5009.17
Cadmium (Cd)	≤ 0.5 ppm	GB/T 5009.15
Benzo(α)pyrene	≤ 2 ppb	GB 5009.27
Sum of PAH4	≤ 10 ppb	GB 5009.265
Microbiological properties		
Total plate count	≤ 1,000 CFU/g	GB 4789.2
Total mold	≤ 25 CFU/g	GB 4789.15
Total yeast	≤ 25 CFU/g	GB 4789.15
Coliforms	Negative	GB 4789.3

Salmonella	Negative	GB 4789.4
Staphylococcus aureus	Negative	GB 4789.10

Composition*	Ingredients	Content
	Sea Buckthorn Seed Oil	100%

Nutritional value*	Typical quantity in 100g product	
Energy	3680 kJ / 895 kcal	
Total fat	99.1 g	
Saturated fatty acid	12.1 g	
Monounsaturated fatty acid	22.1 g	
Polyunsaturated fatty acid	61.5 g	
Protein	< 0.1 g	
Total Carbohydrate	0.78 g	
Sodium	1.3 mg	

Certifications*		
ISO 9001:2008 and ISO 22000:2006 and ISO14001:2004 – Certified Quality Management System		
Certified NSF GMP manufacturing facility		
Organic status	Organic certified	-
Kosher status	Kosher certified	-
Halal status	Halal certified	-
Non-GMO status	Non-GMO certified	-

Declaration*	
Allergen	Does not contain allergens according the regulation (EU) No: 1169/2011
Irradiation	Not irradiated
Solvent residue	Complies with EU Directive 88/344
TSE/BSE risk	This raw material is of pure vegetable origin; during its production, storage and transport it has no contact with animal materials

Other information	
Packaging	16kg per tinplate drum, 1 drum per carton box.
Storage condition	Store in a cool, dry and dark place and not in direct sunlight
Shelf life in original packaging	3 years from date of manufacture when properly stored



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*represents a typical value in product information sheet, not include in Certificate of Analysis

The figures on this product information sheet have indicative purposes only. Regulations can vary between countries.

Always consult the local requirements regarding the labeling and use of this product.

