

## Product Information Sheet

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

Test items	Specification	Method
<b>Characteristics</b>		
Appearance	Clear orange red liquid, lower temperature is prone to solidification	GB/T 5525
Odor	Characteristic	GB/T 5525
Active ingredients	Vitamin E (HPLC) ≥ 100 mg/100 g	GB/T 5009.82
	Total carotenoid (HPLC) ≥ 20 mg/100 g	HB/QS 001
	Palmitoleic acid (GC) ≥ 30%	GB 5009.168
Organic status	Organic certified	-
Kosher status	Kosher certified	-
Halal status	Halal certified	-
Non GMO	Non GMO verified	-
Additive*	None	
<b>Physical and chemical properties</b>		
Refractive index (N <sub>D</sub> <sup>20</sup> )	1.4500 - 1.4800	GB/T 5527
Density (20°C)	0.8900 - 0.9500	GB/T 5526
Iodine value	50 – 100 g/100g	GB/T 5532
Moisture and volatile matter	≤ 0.3%	GB5009.236
Impurity	≤ 0.15%	GB/T 5529
Acid value	≤ 20 mg KOH/g	GB 5009.229
Saponification value	170 - 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
<b>Microbiological properties</b>		
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/T 4789.4
Staphylococcus aureus	Negative	GB/T 4789.10

<b>Composition*</b>		
	Ingredients	Content
	Sea Buckthorn Fruit Oil	100%

<b>Nutritional value*</b>		Typical quantity in 100g product
Energy		3689 kJ / 897 kcal
Total fat		99.7 g
Saturated fatty acid		31.3 g
Monounsaturated fatty acid		58.4 g
Polyunsaturated fatty acid		5.98 g
Protein		< 0.1 g
Total Carbohydrate		< 0.1 g
Sodium		< 0.1 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 to regulation (EU) No: 1169/2011
Irradiation	Not irradiated
TSE/BSE risk	This raw material is of pure vegetable origin; during its production, storage and transport it has no contact with animal materials
Solvent residue	Complies with EU Directive 88/344

#### Other information

Packaging	16kg per tinline 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

\*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.



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19 March 2020

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Ms. Phyllis Nip  
Product Manager  
Puredia Corporation Limited

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Date

