



## Product Description

# Puredia Seaberry™

A natural superfood from Tibet for all the family



### PUREDIA: THE FACTORY

**Puredia** is the name of a family business, founded by a professional scientist who was awarded as an innovator in the field of health. The main objective of this man was to find a pure and natural ecosystem, in which the most unique and medicinal plants grew rich in specific nutrients. This led him to the Tibetan plateau, one of the most clean and well-preserved ecosystems with organic certification.

Based on scientific research and sustainable practices, Puredia offers ingredients of high quality from natural sources produced under responsible cultivation practices. This explains why, for 20 years, Puredia is the main provider of organic seabuckthorn worldwide.

The seabuckthorn that Puredia cultivates and sells under the name of **Puredia SeaBerry™**, grows at 4.500 meters of altitude in the Tibet, in a clean ecosystem and with the optimal solar radiation to obtain a superfood rich in nutrients, vitamins and antioxidants.



### PUREDIA SEABERRY™: APPLICATIONS

- Regenerates the mucous membranes of the body (digestive, genito-urinary, oral and ocular) and helps keep them healthy by providing essential nutrients for their proper functioning.
- Digestive tract: gastritis, colitis, ulcers, diverticulitis, etc. Maintains stomach and bowel health preventing the mucous damage caused by chemical agents and stress.
- Helps control the metabolic syndrome: cholesterol and hyperglycemia.
- Reinforces the cardiovascular system by regulating cholesterol levels and reducing bad cholesterol (LDL).
- Regulates high blood pressure.
- Respiratory tract: for the control of irritating and persistent cough.
- Reduces chronic inflammation.
- Genito-urinary tract: vaginal dryness, urinary tract infections, bladder problems, Sjogren's syndrome.
- Oral health: improves the symptoms of dry mouth produced by the use of certain medications.
- Eye health: improves the dryness of the eye, which occurs because of aging and under certain medical conditions.
- Improves the health of the skin, hair and nails.
- Skin health: eczema, dermatitis and skin irritation caused by radiotherapy. Helps to reduce wrinkles and relieves dryness of the skin avoiding loss of elasticity and reversing fine facial lines.
- Powerful antioxidant with an ORAC of 300,000.



#### PUREDIA SEABERRY™: CO<sub>2</sub> - SUPERCRITIC EXTRACTION

Palmitoleic acid is an omega-7 monounsaturated fatty acid that abounds in the berries of seabuckthorn. Although it is less known than other omega's, omega-7 is of great importance for health. In this sense, **Puredia SeaBerry™** oil is the best source of palmitoleic acid that exists, since it provides the highest concentration of natural omega-7 available.

Extracting the essential ingredients from seaberry is complicated, because even a small change in temperature during the obtaining process can have a huge impact on the quality of the nutrients. Therefore, in order to offer the best product to the final consumer, Puredia extracts the oil from the fruits and seeds of the seabuckthorn through CO<sub>2</sub>-supercritical, what ensures that the delicate essence of the plant is maintained, keeping each drop of oil or milligram of powder as pure and powerful as they are in the plant.

CO<sub>2</sub>-supercritical extraction is the cleanest process lacking of any toxicity, since CO<sub>2</sub> is an inert gas that does not leave any residue after the extraction process. This method conserves almost all vitamins, essential fatty acids, proteins and other beneficial components present in seabuckthorn berries. This process does not cause any thermal or chemical harm to the berry and excludes any risk of oxidation. Other sources of omega-7 fatty acids are obtained by isolation and concentration and do not contain the nutritional complex which offers the oil of **Puredia SeaBerry™**.

#### PUREDIA SEABERRY™: NUTRITIONAL PROFILE

The nutritional profile of **Puredia SeaBerry™** shows more than 190 nutrients. Among them, monounsaturated and polyunsaturated fatty acids, antioxidants, carotenoids, tocopherols, phytosterols, phospholipids, vitamins and minerals:

- **22 fatty acids:** Omega-3, Omega-6, Omega-7, Omega-9 and others.
- **18 amino acids.**
- **14 vitamins:** A, D, E K, group B and P
- **Provitamins:** β-carotene
- **11 microelements:** zinc, iron...
- **Phenols.**
- **42 Lipids.**
- **Antioxidants:** β-carotene, SOD, flavonoids (quercetin, kaempferol, isorhamnetine).
- **Anti-inflammatory compounds:** ellagic acid, ferulic acid, tannins, others.

This extensive and varied composition of nutrients and active principles makes **Puredia SeaBerry™**:

- 5 times more SOD than ginseng.
- 3 times more vitamin A than carrots.
- 50 times more vitamin B2 than spinach.
- 10 times more vitamin C than oranges.
- 6 times more vitamin E than sunflower seeds.
- 10 times more flavonoids than blueberry.
- 40 times more vitamin P than chocolate.



## RECOMMENDATIONS FOR USE

**Puredia SeaBerry™** is a very safe product thanks to its purity and organic origin, as well as its nutritional composition.



Puredia SeaBerry™ fruit Omega Powder OP 2.0

## NUTRITIONAL PROFILE

To take advantage of the phytonutrient and functional components of seabuckthorn, **Puredia** combines the oil and the puree of the fruits and seeds in a water-soluble powder for its use in foods, beverages and food supplements.

**Puredia SeaBerry™ fruit Omega Powder OP 2.0**, becomes an authentic superfood that combines both lipids and water-soluble nutrients in their composition, all of which are present in natural form in seabuckthorn and which are offered as soluble powder.

The nutritional profile of **Puredia SeaBerry™ fruit Omega Powder OP 2.0** is unique as 1 gram supplies:

110 mg	Omega-7	(palmitoleic acid)
54 mg	Omega-9	(oleic acid)
10 mg	Omega-6	(gamma-linolenic acid GLA)
6 mg	Omega-3	(alpha-linolenic acid)
12 mg	Vitamin C	(15% VRN)
3 mg	Vitamin E	(25% VRN)
6 mcg	Vitamin D	(120% VRN)

## PRESENTATIONS



**Puredia SeaBerry™ fruit Omega Powder OP 2.0**



**Puredia SeaBerry™ Omega™ oil**



## RECOMMENDATIONS FOR USE

**Puredia SeaBerry™ fruit Omega Powder OP 2.0** can be used in the elaboration of food supplements, food and functional drinks.

## POSODOLOGY

Adults and children from 12 years old: 1 g per day (\*)

(\*) *This quantity also provides the quantities of vitamins C, D and E that allow to make the health claims approved by the EFSA for these vitamins.*

## PRESENTATIONS

Gelatin or vegetable hard capsule.

Dropper bottle.

Bottle 250 ml as syrup.

Stick or envelope.

Bi-phase vial.



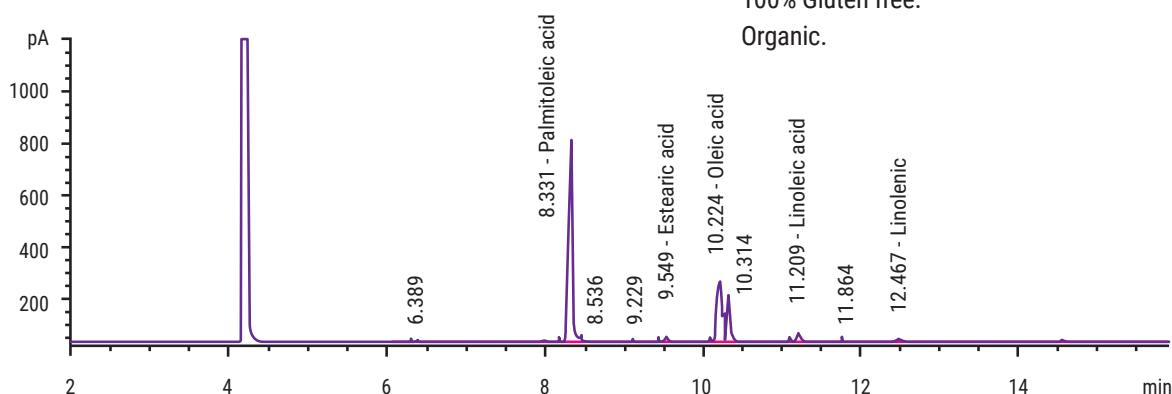
## Puredia SeaBerry™ Omega™ oil

**Puredia SeaBerry™ Omega™ oil** is obtained from the fruit and seeds of seabuckthorn by CO<sub>2</sub>-supercritical extraction.

Omega-7 naturally abounds in Macadamia oil and seabuckthorn oil. Nevertheless, seabuckthorn is the richest and most common vegetable oil source of omega-7, since it can reach up to 40%, more than twice as much as it is found in Macadamia oil.

**Puredia SeaBerry™ Omega™ oil** is a 100% organic oil, free of allergens and gluten, with a content of 30% in omega-7. It also contains unsaturated fatty acids omega-3, 6 and 9, which make it ideal for the cardiovascular system, regulating down cholesterol levels, vitamin E and beta-carotene that provide a beneficial synergistic effect on health.

Different studies have shown that reducing the proportion of saturated fatty acids could help boost energy and improve mood.



**Figure 1.** Chromatographic HPLC fingerprint showing the content in omega's 3, 6, 7 and 9 present in **Puredia SeaBerry™ Omega™ oil**.

### OMEGIA™: OPTIMAL PROPORTION OF OMEGA'S 3, 6, 7 & 9

Type of Omega	Function
<b>Omega-3</b>	<ul style="list-style-type: none"> <li>• Contributes to maintain regular level of cholesterol.</li> <li>• Contributes to the normal growth and development of children.</li> <li>• Contributes to maintain joints health.</li> </ul>
<b>Omega-6 &amp; 9</b>	<ul style="list-style-type: none"> <li>• Contributes to maintain regular level of cholesterol.</li> </ul>
<b>Omega-7</b>	<ul style="list-style-type: none"> <li>• Reduces inflammation.</li> <li>• Helps to maintain healthy mucosae (eyes, mouth, digestive and genito-urinary).</li> <li>• Helps to reduce aging signs</li> <li>• Helps to control metabolic syndrome</li> </ul>