

Specification Sheets

Organic Pomegranate Seed Oil

Version N° 1
Date Implemented : March 2012
Reference: 03HPG/B

Particularly rich in alpha punicic acid (omega-5), the oil is a powerful antioxidant stimulating the cell renewal and improving the skin elasticity and regeneration. It provides relief from minor skin irritations and inflammation, including dry skin, eczema, psoriasis and sunburned skin. With a high content of essential vitamins and minerals (B1, B2, C, potassium, and magnesium), is anti-carcinogenic, and supports and maintains immune, hormonal, circulatory, and metabolic health. Pomegranate seed oil may be used within most skin care formulas, including soap making, massage oils, facial care products, aftershave, after-sun care, and hair removal products.

<u>Component Entity</u>	<u>CAS Number</u>	<u>EINECS Number</u>	<u>Proportions [%w/w]</u>
Certified Organic Pomegranate Seed Oil	84961-57-9	284-646-0	100% pure

Mode of Extraction : First Cold Pressed

Part Used : Pomegranate Seed

Botanical Name : punica granatum

Origin of seeds: Turkey

Quality : The oil is extracted mechanically, 100% pure and Natural, virgin, first cold pressed, without chemical processing.

Color : yellow to orange

Density: 0.91-0.93

Acidity: Max 2

Peroxyde value: Max 15

Fatty Acid Composition:

<u>FATTY ACID PROFILE</u>		
<u>CONSTITUENT</u>	<u>CHAIN STRUCTURE</u>	<u>RANGE</u>
• Palmitic:	C16:0	Max 5.0%
• Stearic:	C18:0	Max 3.0%
• Oleic:	C18:1 n9	4.0% to 20.0%
• Linoleic:	C18:2 n6	4.0% to 15.0%
• Linolenic:	C18:3 n5	50.0% to 80.0%

APPLICATIONS :

Cosmetic, alimentary and pharmaceutical industries