

PRICKLY PEAR SEED OIL

FIRST COLD PRESS OPUNTIA FICUS INDICA SEED OIL from Morocco - 100% Organic

Sample Analysis Results by
the Official Laboratory for chemical analysis and
research in Casablanca - Morocco -
05.05.2008

- Acidity in oleic acid value = 0.31%
- Peroxyde value = 0.0 meq/kg
- extinction spécifique in 270nm = 0.24
- $\backslash E = 0.015$

Fatty acids composition (in %)
C16:0 (palmitic acid) = 13.9
C16:1 (palmitoleic acid) = 0.9
C18:0 (stearic acid) = 3.2
C18:1 (oleic acid) = 20.6
C18:2 (linoleic acid) = 60.5
C18:3 (linolenic acid) = 0.3
C20:0 (eicosanoic acid) = 0.3
C20:1 (eicosenoic acid) = 0.3

Sterols composition in %

Cholesterol = 1.0
Campesterol = 9.8
Stigmasterol = 1.6
B - Sistosterol = 71%
 $\backslash - 5$ - Avenasterol = 4.5
 $\backslash - 7$ - Stigmasterol = 1.4
 $\backslash - 7$ - Avenasterol = 1.9

Tocopherols

Alpha tocopherol = 5.1 %
Beta tocopherol = 0.1 %
Gamma tocopherol = 81 %
Delta tocopherol = 3.3 %
Tocopherols totaux = 895 mg/kg



VITAMIN F : Exceptionnall level of linoleic acid > 60%

High content of unsaturated fatty acids

VITAMIN E : high concentration > 89 %

Note : Extrated with an oil press. **FIRST COLD PRESS** .
No additive, no solvants. Not produced in an extractor with hexane.



Saturated						Mono unsaturated		Poly unsaturated		
Capric Acid	Lauric Acid	Myristic Acid	Palmitic Acid	Stearic Acid	Arachidic acid	Palmitoleic Acid	Oleic Acid	Linoleic Acid (ù6)	Alpha Linolenic Acid (ù3)	Alpha Linolenic Acid (ù9)
C10:0	C12:0	C14:0	C16:0	C18:0	C20:0	C16:1	C18:1	C18:2	C18:3	C20:1
-	-	-	13.9	3.2	0.3	0.9	20.6	60.5	0.3	0.3



STRONG ANTI-WRINKLE EFFECTS

Vitamin E (or tocopherol)

Improves skin microcirculation
Anti-inflammatory effects
Decreases wrinkles depth
Protects against UV
Anti-aging

Vitamine F (or linoléic acid)

Regulates the skin hydration
Protects against external aggressions

The seeds are rich in phosphorus and zinc

Important : keep away from the light and UV, and only store in a cool place.

