



ACTIFS PRÉCIEUX

ATELIER | EXTRACTION | SÉLECTIVE



OLEOLIFE™
THE TREE OF LIFE

PHOENIX DACTYLIFERA L. SEEDS

THE TREE OF LIFE

Cultivated in Tunisia since 5000 years, the Date Palm Tree is often called « The tree of life » in the desertic region, so called for the high nutritional value of its dates praised all over the world. When held to the light, Date seed can be seen right through the flesh, as fingers of light.

Native of Tunisian desert, *Phoenix dactylifera* L., commonly known as date palm, is a plant species belonging to the palm family that is cultivated for its edible sweet fruit. Tunisia enjoys favorable conditions for the development of the species which is a typical plant of the desert region, widely cultivated across Northern Africa. The dates are collected each year throughout the Tunisian desert and then opened naturally to get the seed they contain.



Traditional use and Key benefits of Date Seeds



Date seed is the most concentrated part of the Date plant, We, as ACTIFS PRECIEUX want to make our contribution to the valorization of Dates.

- Historical records of seeds uses date back to the earliest civilizations, showing that Phoenix dactylifera seeds extracts have been widely used as hair mask to reduce hair loss and enhance hair regrowth and shine.

- They have also been of great interest specially in Arab culture as beauty product ingredient in the manufacture of kohl to grow eyelashes.

- Date seeds extracts possess a wide range of therapeutic effect which increase their potential use as cosmeceutical ingredient.

- Phoenix dactylifera seeds extracts reduce the look of lines, redness, wrinkle and dark spots, improve skin barrier function, promote skin regenerating, nourishing, revitalizing and moisturizing and act as antioxidant and anti-aging agent.

- Date seeds are also ground and used as an additive to coffee for its benefits to the human body



DATE SEEDS CO2 EXTRACT SPECIFICATIONS



- 100% Natural
- Free from solvent
- Free from chemical compounds
- Loaded with vitamin E and antioxidants
- Oil soluble
- Sustainably sourced

Main compounds and their activities

Polyunsaturated Fatty Acids > 40%

Cellular Renewal Support / Preservation of Skin Elasticity

Palmitic acid

Important fatty acid for the cutaneous barrier and the acid layer of the skin

Oleic Acid > 30%

Recognized to strengthen the hydrolipidic film, Helping maintain the elasticity, suppleness and hydration of the skin.

High amount of Vitamin E

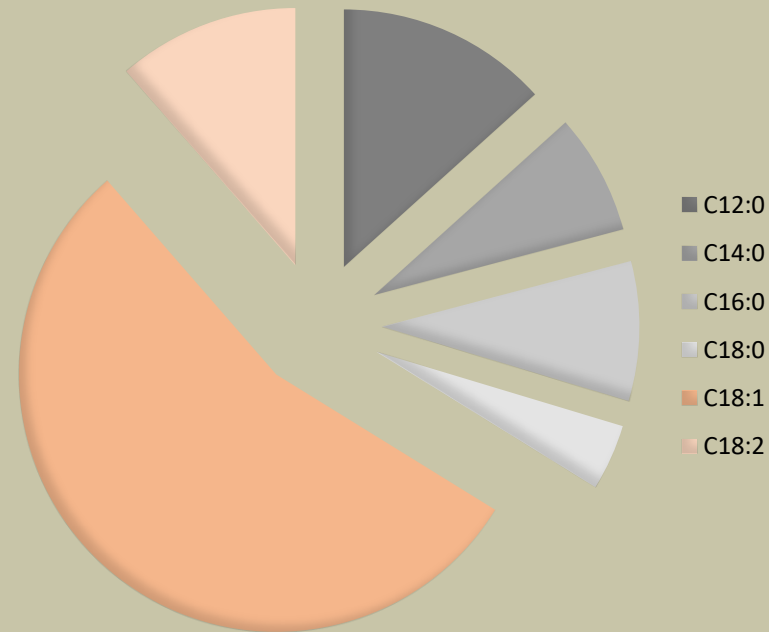
Protective & nutritional antioxidant function

Reduce oxidation of unsaturated fatty acids

Protect skin against external factors and UV light responsible for premature skin aging.

The date seed CO₂ extract is one of nature's most marvelous ingredient to promote healthy skin. It contains a vast amount of bioactive molecule

Notably, thanks to the powerful combined action of oleic and linoleic acids found in the date seed CO₂ extract, that helps to reviving and revitalizing dry and aging skin.

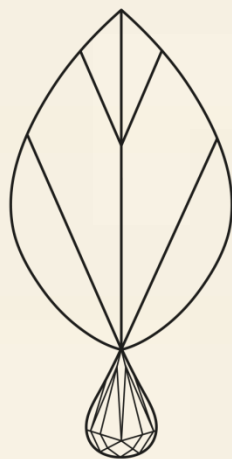


- Furthermore, Date seeds extract is a source of antioxidant, tocopherol, tocotrienol, sterol, carotenoid and phenol.
- Date seed CO₂ extract contains an incredible amount of vitamins and essential fatty acids that promote healthy hair. The high amount of polyunsaturated fatty acids helps to provide health scalp environment by nourishing it.
- The antioxidant compounds like Vitamin E, tocotrienol and carotenoids helps also to strength hair by protecting it from free radicals caused by oxidative stress.
- Additionally, date seed CO₂ extract is plentiful with Omega-6 and Omega-9 fatty acids that promote hair moisturizers by helping to control water loss. Its affinity works exceptionally as well for hair, masks or shampoo to reduce hair loss

The date seed CO₂ extract is, incredible ingredient, used not just for its benefits for the skin but also for the hair

Moreover, it contains a generous amount of lauric acid that possess the best powerhouse antifungal, antiviral, antibacterial and antimicrobial properties.





ACTIFS PRÉCIEUX

ATELIER | EXTRACTION | SÉLECTIVE