



PRODUCT DATA SHEET

Passion Fruit Seed Oil



Passion fruit seed oil extracted through a cold pressed method

Ingredients: Passion Fruit Seed

Origin: Lambayeque, Peru

Certifications:



PASSION FRUIT

Passion fruit (*Passiflora Edulis*), native of South America, is one of several species of the *Passiflora* genus. It is a vine species cultivated in many tropical and subtropical regions around the world for its sweet, seedy fruits. It is a perennial plant that grows up to 10 m long and produces hard, round, yellow skin fruits with a juicy inside full of seeds. The smell and flavor of the pulp are characteristically citric. Passion fruit seeds are rich in oil.

CANDELA'S PRODUCERS

CANDELA's passion fruit producers are small-scale organic farmers located in the Lambayeque region, on the northwestern coast of Peru. In this area made up of wide plains irrigated by rivers from the Andes, passion fruit cultivation has promoted the inclusive development of small-scale organized farming.

OIL COMPOSITION

Odor: Characteristic, pleasant
Color: Yellow to slightly orange
Taste: Characteristic
Principal Composition: Linoleic acid ($\Omega 6$) and Oleic acid ($\Omega 9$)

TECHNICAL DATA

INCI Name: *Passiflora Edulis seed oil*
CAS Number: 87676-26-1
EINECS Number: 294-833-9
Specific Gravity: 0.92 – 0.96
Flash Point: open cup >290°C

FATTY ACID PROFILE

Fatty Acid	Composition %
Myristic Acid C14:0	0.03 - 0.09
Palmitic Acid C16:0	8.57 – 11.42
Palmitoleic Acid C16:1	0.19 – 0.23
Stearic Acid C18:0	1.66 – 2.86
Oleic Acid (Omega 9) C18:1	13.79 – 16.25
Linoleic Acid (Omega 6) C18:2	69.31 – 73.19
Linolenic Acid (Omega 3) C18:3	0.26 – 0.47
Araquidic Acid C20:0	0.09 – 0.22
Gadoleic Acid C20:1	0.10 – 0.12
Behenic Acid C22:0	Traces

POTENCIAL USE

Passion fruit oil is excellent as a fragrance. Its high vitamin C content helps treat sun spots and reduce swelling. It is also a natural relaxant and activates blood circulation, which makes it useful for massages, to reduce muscular tension and varicose veins. It also regulates sebum production on oily skin.