

TECHNICAL DATA

JARXOTIC PF15

JARXOTIC™ PF15 – PASSION FRUIT OIL
(PASSIFLORA EDULIS SEED OIL)

CAS# 97676-26-1



SPECIFICATIONS	LIMITS
Appearance	Viscous liquid
Color	Light yellow
Odor	Characteristic
Specific gravity (20°C)	0.880 – 0.950
Acid value (mg KOH/g)	5.0 Max.
Peroxide value (meq/kg)	10.0 Max.

TYPICAL PROPERTIES

FATTY ACID COMPOSITION (%)

C16:0	8.0 - 15.0
C16:1	1.0 Max.
C18:0	5.0 Max.
C18:1	15.0 – 35.0
C18:2	50.0 – 70.0
C18:3	1.0 Max.
Others	3.0 Max.

STORAGE: Keep in cool (below 25°C) storage in unopened containers away from light and moisture. Avoid prolonged exposure to air.

DESCRIPTION

The passion fruit is mainly cultivated in Brazil, Peru, and Colombia. This refined oil is produced by cold-pressing the fruit kernel, producing an aromatic oil that is slight yellow once refined. **Jarxotic PF15** is a very stable, high-quality ingredient suitable for many cosmetic applications and delivering a high concentration of linoleic acid (C18:2). **Passion fruit oil** also contains ascorbic acid, β-carotene, calcium, flavanoids, phosphorus, and potassium. **Passion fruit oil** has been shown to reduce sebum secretion, promoting a drier skin feel, and is an excellent addition to anti-acne and sensitive skin care applications.

APPLICATIONS

Jarxotic PF15 can be used in a multitude of product applications for both the skin and hair, including creams, lotions, soaps, shampoos, bath & massage oils, conditioning and hair masks, and sun care products. The recommended starting level for this product is 2%.



Effective: February 1, 2009

Jarxotic PF15 TDS 20090201

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