

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS PRICKLY PEAR SEED OIL ORGANIC (COLD PRESSED)

DESCRIPTION

Description: Prickly Pear Seed Oil, CP Organic (Oil of Opuntia)

Inci Name: Opuntia ficus-indica seed oil

Cas No: 90082-21-6

Einecs No: 290-109-1

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	Clear, yellow to green oily liquid	Complies
TASTE	Bland, Characteristic	Complies
ODOUR	Bland, Characteristic	Complies
RELATIVE DENSITY @ 20°C	0.90 – 0.92	0.91
REFRACTIVE INDEX @ 20°C	1.473 – 1.476	1.474
MOISTURE CONTENT (%)	≤ 0.3	N/D
FREE FATTY ACID (% AS OLEIC)	≤ 1.50	0.38
IODINE VALUE (CALC)	Not measured	N/D
PEROXIDE VALUE (Meq O ₂ / kg)	≤ 12.0	2.27
SAPONIFICATION VALUE	Not measured	N/D
UNSAAPONIFIABLE MATTER	≤ 1.0	N/D
ACID VALUE	≤ 3.0	0.76
STEROLS G/KG	Approx. 10.0	N/D
TOCOPHEROLS AND TOCOTRIENOLS MG/KG	Approx. 1000	N/D

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE	RESULT
	PALMITIC	C16:0	10.0 – 14.0	10.36
	STEARIC	C18:0	2.5 – 5.5	3.16
	OLEIC	C18:1	20.0 – 30.0	25.56
	LINOLEIC	C18:2	55.0 – 65.0	64.54
	ALPHA LINOLENIC	C18:3	≤ 1.0	0.2

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Prickly Pear Seed Oil Organic (Cold Pressed) - COA