

Description: Almond Oil Sweet, CP, Organic

LOT No:112856

Inci Name: Prunus Amygdalus Dulcis Oil

Cas Nos: 8007- 69-0; 90320-37-9

Einecs No: N/A

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE	Slightly viscous liquid	Complies
COLOUR	Pale yellow to yellow orange	Complies
ODOUR AND TASE	Bland, nutty	Complies
COLOUR (LOVIBOND 5.25" CELL)	Not stated	16y, 2.2r
COLOUR (GARDNER)	Not stated	2.2
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930	0.916
REFRACTIVE INDEX @ 20°C	≈ 1.470	1.471
FREE FATTY ACID (% AS OLEIC)	≤ 2.0	0.475
IODINE VALUE (CALC)	80 – 110	98
PEROXIDE VALUE (Meq O ₂ / kg)	≤ 5.0	2.58
SAPONIFICATION VALUE	180 – 200	191
UNSATURATED MATTER	≤ 1.5	N/D
ACID VALUE (mg KOH/g)	≤ 4.0	0.7

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE	RESULT
	PALMITIC	C16:0	3 – 9	7.47
	PALMITOLEIC	C16:1	≤ 2.0	0.5
	STEARIC	C18:0	1 – 3	2.23
	OLEIC	C18:1	60 – 75	66.30
	LINOLEIC	C18:2	18 – 28	23.0
	ALPHA LINOLENIC	C18:3	≤ 0.5	<0.05
	ICOSANOIC	C20:0	≤ 0.3	0.10
	ICOSENOIC	C20:1	≤ 0.3	0.06
	DOCOSANOIC	C22:0	≤ 0.5	<0.05
	TETRACOSANOIC	C24:0	≤ 0.5	<0.05

COO- Spain

20/04/2015