

LABORATORIO ANALISI

Milano, 9 marzo 2016

OLIO DI COCCO RAFFINATO
REFINED COCONUT OIL

Rev. 1.00.04 del 20/01/2014

Codice prodotto: OLIO 8

lotto n. \ batch n. 201/16

Denominazione INCI: COCOS NUCIFERA OIL
CTFA: COCOS NUCIFERA (COCONUT) OIL
CAS: 8001-31-8
EINECS/ELINCS: 232-282-8

Data di produzione: marzo '16 Usare preferibilmente entro 36 mesi
Manufacturing date: March 16 Use best before 36 months.

Specification	Method	Standard	Analysis
ASPETTO A 15°C <i>Appearance at 15°C</i>	(visivo)	SOLIDO BIANCO <i>white solid</i>	pass
ODORE <i>Odour</i>	(olfattivo)	INODORE <i>odourless</i>	pass
INDICE DI ACIDITA' <i>Acid value</i>	(NGD C10)	max. 0.5	0.03
INDICE DI IODIO (WIJS) <i>Iodine value (Wijs)</i>	(NGD C32)	6 - 12	pass
INDICE DI SAPONIFICAZIONE <i>Saponification value</i>	(NGD C33)	245 - 265	pass
INDICE DI PEROSSIDI <i>Peroxides value</i>	(NGD C 35)	max. 2	< 0.1
PUNTO DI FUSIONE °C <i>Melting point °C</i>	(NGD C11)	24 - 37	24/26
REAZIONE DI VILLAVECCIA/PAVOLINI		POSITIVA	

FATTY ACIDS DISTRIBUTION % (GLC):

Caproic acid	C6:0	≤ 1.5	0.6
Caprylic acid	C8:0	5.0 - 11.5	7.0
Capric acid	C10:0	5.0 - 10.0	5.7
Lauric acid	C12:0	44.0 - 52.0	46.6
Myristic acid	C14:0	15.0 - 25.0	18.8
Palmitic acid	C16:0	6.0 - 12.0	9.5
Palmitoleic acid	C16:1	≤ 0.5	tr.
Stearic acid	C18:0	1.0 - 5.0	3.0
Oleic acid	C18:1	4.0 - 10.0	6.8
Linoleic acid	C18:2	1.0 - 3.0	1.7
Alpha Linolenic acid	C18:3	≤ 0.5	< 0.05
Arachidic acid	C20:0	≤ 0.5	0.1
Eicosenoic acid	C20:1	≤ 0.2	< 0.05

Pass = conforme/complies

The above data represent the result of our quality assessment
They do not free purchaser from his own quality check nor do they confirm that product has certain properties or is suitable for a specific application.
Print out by electronic system, therefore no signature.
Signed By: Dr. Fratucello title: Quality Assurance Manager

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