

*A. & A. Fratelli Parodi s.p.a.*www.fratelliparodi.it 

Rev.03

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TECHNICAL DATA SHEET

TRADE NAME
PRODUCT NAME (UE)
PRODUCT NAME (ITA)
INCI NAME(EU)
INCI NAME(US)
CAS NUMBER
EINECS NUMBER

PARYOL 255 MC/R
REFINED MACADAMIA OIL
OLIO DI MACADAMIA RAFFINATO
MACADAMIA INTEGRIFOLIA SEED OIL
MACADAMIA INTEGRIFOLIA SEED OIL
129811-19-4

	U.M.	Test methods	Range
Physical status at 25C°		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd3d-63	≤ 0.5
Iodine value	gI ₂ /100	AOCS Tg2a-64	70.0 – 80.0
Saponification value	mgKOH/g	AOCS Cd3-25	190.0 – 200.0
Peroxide value*	meq O ₂ /Kg	AOCS Cd8-53	≤ 5.0
Colour	Yellow/Red	Lovibond cell 5''¼	≤ 15.0Y/1.5R
Unsaponifiable matter	%	AOCS Ca6b-53	≤ 1.5
Density at 20C°	g/cc	ASTM D1298-85	0.911 – 0.918
Refractive index		AOCS Tp1a-64	1.466 – 1.470

*Guaranteed at drumming

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 1.0
Myristic acid	C14:0	≤ 1.5
Palmitic acid	C16:0	8.0 – 10.0
Palmitoleic acid	C16:1	16.0 – 24.0
Stearic acid	C18:0	2.0 – 4.0
Oleic acid	C18:1	53.0 – 67.0
Linoleic acid	C18:2	1.5 – 4.0
Alpha-Linolenic acid	C18:3	≤ 0.6
Arachidic acid	C20:0	≤ 3.0
Eicosenoic acid	C20:1	≤ 3.0
Behenic acid	C22:0	≤ 1.0
Erucic acid	C22:1	≤ 1.0
Lignoceric acid	C24:0	≤ 0.5
Others		≤ 2.0

Shelf life: 12 months minimum in cool conditions in unopened container

Note: the reported shelf life is referred to the product stored at room temperature, possibly in the original packaging and away from direct sunlight and heat sources. A&A Fratelli Parodi Spa shall not be held liable for a shelf life reduction (e.g. for unexpected increase in peroxides content) if the above conditions are not respected.

Magazzino e uffici: Via Valverde 96/98r 16014 Campomorone (Genova) Italy
 Tel: +39 010 792 151 - Fax: +39 010 790 555 - info@fratelliparodi.it

Sede Legale - Stabilimento - Laboratorio analisi: Via Valverde 53r 16014 Campomorone (Genova) Italy
 Tel: +39 010 790 503/551/574 - Fax: +39 010 790 388 - laboratorio@fratelliparodi.it