



Întreprindere Individuală Garda Andrea Ilona
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TDS OC2201
12/02/2024
MACADAMIA OIL COSMETIC

Technical Data Sheet
D01-P20 V0 15-11-2022

MACADAMIA OIL COSMETIC

Identification

Product name: Macadamia oil cosmetic
INCI name: Macadamia Ternifolia Seed Oil
CAS number: 128497-20-1 / 129811-19-4
EC number: - / -
REACH number: Exempt
Applications: Cosmetic use

Product specifications

Parameter	Specification			Criteria ref./Method
Organoleptic parameters				
Appearance	Light yellow oily liquid			Internal criteria
Odour	Characteristic			Internal criteria
Stability parameters		min	max	
Acid value	0,00	1,00	mg KOH/g	Internal criteria
Peroxide value	0,00	10,00	meq/kg	Internal criteria
Fatty acid profile				
C16:0 Palmitic acid	5,0	11,5	%	Internal criteria
C16:1 Palmitoleic acid	6,0	12,0	%	Internal criteria
C18:0 Stearic acid	2,0	6,0	%	Internal criteria
C18:1 Oleic acid	40,0	80,0	%	Internal criteria
C18:2 Linoleic acid	5,0	15,0	%	Internal criteria
C18:3 Linolenic acid	0,0	1,0	%	Internal criteria
C20:0 Arachidic acid	0,0	4,0	%	Internal criteria
C20:1 Gadoleic acid	0,0	4,0	%	Internal criteria

*These parameters are tested on a random batch.

Packaging and storage information

Standard packaging IBC, drums and pails

Store in a cold and dry place, avoid direct light and heat. When taking material, fill the packaging with nitrogen to avoid oxidation.

Best Before statement

Best before: 24 months (Packed in IBCs, drums and pails)

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The specified shelf life can only be guaranteed for this product if the above-mentioned recommended storage conditions are respected. See SDS for further storage & transport recommendations.

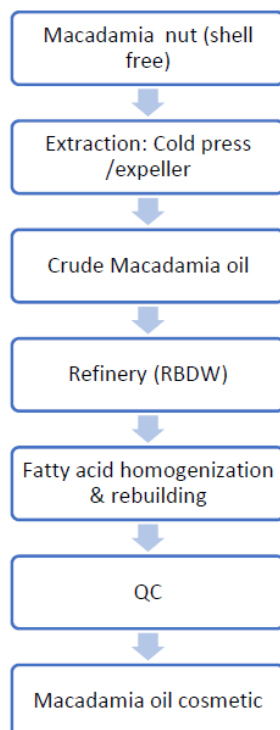
Technical data

Macadamia oil cosmetic is obtained from the macadamia nut (*Macadamia Ternifolia*), a native tree to Australia, and nowadays it also grows in South Africa and the Pacific regions.

His content of monounsaturated fatty acids is around 80% (mainly oleic acid) and the palmitoleic acid is higher than in majority of vegetable oils.

- Easy absorbed in the skin.
- Has emollient, nourishing and softening properties.
- Has regenerative properties and helps to restore dry and mature skin.
- Used in a wide range of cosmetic products.

Manufacturing flow chart





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Organic / Halal / Kosher products available upon request.

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