

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> HUILE DE NOIX DE MACADAMIA RAFFINEE	Février 2019 / <i>February 2019</i>
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INCI: **Macadamia integrifolia tetraphylla seed oil**
N°CAS: 438545-25-6 / 159518-86-2
N°EINECS/ELINCS: –

DESCRIPTION / *DESCRIPTION:*

L'huile de noix de macadamia est obtenue par pression puis raffinage. Liquide clair incolore à jaune pâle avec une faible viscosité et une légère odeur / *Macadamia nut oil is obtained by pressing then refining. Clear to pale yellow liquid with a low viscosity and a slight odor*

CARACTERISTIQUES GARANTIES / *GUARANTEED SPECIFICATIONS:*

CARACTERISTIQUES	SPECIFICATIONS	METHODES / <i>METHODS</i>
Indice d'acide / <i>Acid value</i>	≤ 0.6 mg KOH/g	Ph. Eur.2.5.1
Indice de peroxyde / <i>Peroxide value</i>	≤ 10 meq O ₂ /kg	Ph.Eur.2.5.5
Indice de refraction / <i>Refractive index at 20°C</i>	Environ / <i>about</i> 1.468	Ph. Eur.2.2.6
Densité à 20°C / <i>Density at 20°C</i>	Environ / <i>about</i> 0.915 g/cm ³	Ph.Eur.2.2.5
Composition en acides gras / <i>Fatty acid composition</i>		
< C 14 : 0	≤ 1 %	Ph. Eur. 2.4.22
< C 14 : 0 Acide myristique / <i>Myristic acid</i>	≤ 1.5 %	
C 16: 0 Acide palmitique / <i>Palmitic acid</i>	7 – 9 %	
C 16: 1 Acide palmitoléique / <i>palmitoleic acid</i>	15 - 24 %	
C 18: 0 Acide stéarique / <i>Stearic acid</i>	2 – 4 %	
C 18: 1 Acide oléique / <i>Oleic acid</i>	53 – 67 %	
C 18: 2 Acide linoléique / <i>Linoleic acid</i>	1.5 – 4 %	
C 18: 3 Acide linolénique / <i>Linolenic acid</i>	≤ 0.5 %	
C 20: 0 Acide arachidique / <i>Arachidic acid</i>	1.5 – 3 %	
C 20: 1 Acide gadoléique / <i>Gadoleic acid</i>	1.5 - 3 %	
C 22: 0 Acide béhénique / <i>Behenic acid</i>	≤ 1 %	
C 22: 1 Acide Erucique / <i>Erucic acid</i>	≤ 1 %	
C 24: 1 Lignocérique / <i>Lignoceric acid</i>	≤ 0.5 %	
Autres acides gras / <i>Others fatty acids</i>	≤ 2 %	

Ces éléments seront repris sur nos BA / *these elements will be on our CoA*

Ces caractéristiques sont conformes aux précédentes spécifications datées de Septembre 2015 / *These features are in accordance with previous specifications dated on September 2015*

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CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Insoluble dans l'eau et miscible à l'éther / *Insoluble in water and miscible with ether*

Insaponifiable / *Unsaponifiable* : ≤ 1.5 % (m/m)

Impureté alcaline : conforme / *Alkaline impurity : compliant* (Ph. Eur.2.4.19)

Indice d'iode / *Iodine value* : 70 – 80 gI₂/100g

Ce produit est végétalien / *This product is vegan*

APPLICATIONS:

Alimentaire, cosmétique, pharma / *Food, cosmetic, pharma*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Fût de 191kg, tonnelet 27kg / *191kg drum, 27kg keg*

Matière première non classifiée comme substance dangereuse (voir fiche de données de sécurité) / *Raw material not classified as dangerous substance (see safety data sheet)*

A conserver dans un récipient bien fermé, sous atmosphère inerte, à l'abri de la lumière et de la chaleur / *Store in a well-closed container, in an inert atmosphere, protected from light and heat*

Additives	This product doesn't contain additives
Allergen	This product doesn't contain food allergen (regulation EU No1169/2011 Annex II) and cosmetic allergen (regulation 1223/2009)
Animal Testing	This product has not been tested on animals
BSE - Bovine Spongiform Encephalopathy	No risk of BSE
California Prop 65	This product (CAS: 438545-25-6 / 159518-86-2) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	This product doesn't contain CMR (directive 1272/2008/CE)
Composition	100% macadamia nuts oil. The seeds contain between 68 to 74 % oil
Cosmetic	This product complies with Cosmetic regulation 1223/2009/CEE
Cosmos / Ecocert	<i>No data available</i>
Danger	This product is not classified as dangerous in accordance with CLP and ADR
Dioxane	This product doesn't contain dioxane
Ecolabel	<i>No data available</i>
European Pharmacopeia	This product complies with the European Pharmacopoeia
Food	Is a food grade product
Genetically Modified Organisms (GMO)	This product doesn't contain GMO
Inventories	(CAS: 438545-25-6) and (CAS: 159518-86-2) are compliant with Taiwan TCSI
Geographic origin (for plant)	Africa. Plant (fam. Proteaceae) supposed to be of African origin
Glycol ether	This product doesn't contain glycol ether
Halal	This product is not Halal certified
Heavy Metals	This product doesn't contain heavy metals
HS code	15159060
Irradiation / ionization	There is no ionization / irradiation during the manufacturing process
Kosher	This product is not Kosher certified
Latex	This product doesn't contain latex
Manufacturing location	Africa

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Microbiological data	This refined oil is deodorized (180 - 205°C) during the refining process, effectively eliminating microbiological activity. The water content (typically less than 0.5%) is low and provides an environment that is not suitable for microorganisms. Therefore this product is not an environment conducive to microbiological development Total aerobic: < 1000 cfu/g Absence of pathogenic germs in 1 g
Nanomaterials	This product doesn't contain nanomaterials (commission recommendation, 2011/696 and cosmetic regulation 1223/2009)
Nutritional data	Nutritional information (for 100g): Caloric value: 3700 KJ (900Kcal), proteins:0g, glucides:0g, lipids (fatty acids): 100g, saturated: 16 g, Mono-saturated: 81 g, polyunsaturated: 3 g, salt: 0g
Origin	100% vegetable
Pesticide	This product doesn't contain pesticides
Phthalate	This product doesn't contain phthalate
Preservative	This product doesn't contain preservative (cosmetic regulation 1223/2009/CEE and 2003/15/CE)
Process	This oil is obtained by pressing and chemical refining
REACH	This product is exempted from the obligation according to Annex II, n°9 of EC Regulation n° 987/2008 of the Commission amending REACH Regulation EC No 1907/2006, annexes IV and V
Residual Solvents	This product doesn't contain residual solvents (note CPMP/ICH/283/95)
RSPO	This product doesn't contain palm – not concerned
Shelf Life before re-check	1 year
Substances of Very High Concern (SVHC)	This product doesn't contain SVHC
Volatiles organic compounds (VOC)	This product doesn't contain VOC (directive N°2010/79/UE)

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Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancel and replace all technical and regulatory previous documents.*