	Dossier technique et réglementaire / <i>Technical and regulatory document</i> <b>HUILE DE NOIX DE MACADAMIA RAFFINEE</b>	Avril 2026 / <i>April 2026</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 / METHODS
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 <sub>2</sub> /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 <sup>3</sup>	Ph.Eur.2.2.5
<b>Composition en acides gras / <i>Fatty acid composition</i></b>		
< 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 linoléique / <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***

**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)  
Indice d'iode / *Iodine value* : 70 – 80 g<sub>2</sub>/100g  
Ce produit est végétalien / *This product is vegan*

ISO 16128 : 1/1/0/0

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**APPLICATIONS:**

Alimentaire, cosmétique / *Food, cosmetic*

**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 l'air, la lumière et de la chaleur / *Store in a well-closed container, in an inert atmosphere, protected from air, light and heat*

<b>Additives</b>	This product doesn't contain additives
<b>Allergen</b>	This product doesn't contain food allergen (regulation EU No1169/2011 Annex II) and cosmetic allergen (regulation 1223/2009 & 2023/1545)
<b>Animal Testing</b>	This product has not been tested on animals
<b>BSE - Bovine Spongiform Encephalopathy</b>	No risk of BSE
<b>California Prop 65</b>	This product (CAS: 438545-25-6 / 159518-86-2) is not listed
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	This product doesn't contain CMR (directive 1272/2008/CE & 2023/1490)
<b>Composition</b>	100% macadamia nuts oil.
<b>Cosmetic</b>	This product complies with Cosmetic regulation 1223/2009/CEE
<b>Cosmos / Ecocert</b>	<i>No data available</i>
<b>Danger</b>	This product is not classified as dangerous in accordance with CLP and ADR
<b>Dioxane</b>	Comply with regulation 2023/915
<b>Ecolabel</b>	<i>No data available</i>
<b>European Pharmacopeia</b>	This product doesn't comply with the European Pharmacopoeia
<b>Food</b>	Is a food grade product
<b>Genetically Modified Organisms (GMO)</b>	This product doesn't contain GMO
<b>Inventories</b>	(CAS: 438545-25-6) and (CAS: 159518-86-2) are compliant with Taiwan TCSI
<b>Geographic origin (for plant)</b>	Africa
<b>Glycol ether</b>	Not expected but not tested
<b>Halal</b>	This product is not Halal certified
<b>Heavy Metals</b>	Comply with regulation 2023/915
<b>HS code</b>	15159060
<b>Irradiation / ionization</b>	There is no ionization / irradiation during the manufacturing process
<b>Kosher</b>	This product is not Kosher certified
<b>Latex</b>	This product doesn't contain latex
<b>Manufacturing location</b>	Africa
<b>Microbiological data</b>	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
<b>Microplastic</b>	Doesn't contain microplastic (regulation 2023/2055)
<b>Nanomaterials</b>	This product doesn't contain nanomaterials (commission recommendation, 2011/696 and cosmetic regulation 1223/2009)
<b>Nitrosamine</b>	Not expected but not tested

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<b>Nutritional data</b>	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
<b>Origin</b>	100% vegetable	
<b>PAH / PFAS</b>	Doesn't contain PAH Doesn't contain PFAS	
<b>Pesticide</b>	Comply with regulation 296/2005	
<b>Phthalate</b>	Not expected but not tested	
<b>Preservative</b>	This product doesn't contain preservative (cosmetic regulation 1223/2009/CEE and 2003/15/CE)	
<b>Process</b>	This oil is obtained by pressing and chemical refining	
<b>REACH</b>	This product is exempted	
<b>Residual Solvents</b>	This product doesn't contain residual solvents (note CPMP/ICH/283/95)	
<b>RSPO</b>	This product doesn't contain palm – not concerned	
<b>Shelf Life before re-check</b>	1 year	
<b>Substances of Very High Concern (SVHC)</b>	This product doesn't contain SVHC	
<b>Volatiles organic compounds (VOC)</b>	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 cancels and replaces all technical and regulatory previous documents.*