

	Dossier technique et réglementaire / <i>technical and regulatory document</i> HUILE DE BOURRACHE RAFFINEE	Décembre 2025 <i>December 2025</i>
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INCI: **Borago officinalis seed oil**
N° CAS: 225234-12-8
N°EINECS/ELINCS: –

DESCRIPTION / *DESCRIPTION:*

Huile provenant des sommités fleuries du Borago Officinalis, obtenue par extraction mécanique et raffinage. De couleur jaune pale presque *inodore* / *Oil from the flowering tops of Borago Officinalis, obtained by mechanical extraction and refining. Pale yellow and almost odorless*

Matière première d'origine végétale / *Raw material of vegetable origin*

CARACTERISTIQUES GARANTIES / *GUARANTEED SPECIFICATIONS:*

CARACTERISTIQUES	SPECIFICATIONS	METHODES / <i>METHODS</i>
Densité à 20°C / <i>Density at 20°C</i>	Environ / <i>about</i> 0.921 g/cm ³	Ph. Eur 2.2.5
Indice de réfraction à 20°C / <i>Refractive index at 20°C</i>	Environ / <i>about</i> 1.476	Ph. Eur 2.2.6
Indice d'acide / <i>Acid value</i>	≤ 0.5 mg KOH /g	Ph. Eur 2.5.1
Indice de peroxyde / <i>Peroxide index</i>	≤ 10 meq O ₂ / kg	Ph. Eur 2.5.5
Impuretés à réaction alcaline / <i>Impurities to alkaline reaction</i>	Conforme / <i>Compliant</i>	Ph. Eur 2.4.19
Insaponifiable / <i>Unsaponifiable</i>	≤ 2 % (m/m)	Ph. Eur 2.5.7
Teneur en eau / <i>water content</i>	≤ 0.1%	Ph. Eur 2.5.32
Composition en acides gras / <i>Fatty acid composition</i>		
C 16: 0 Acide palmitique / <i>Palmitic acid</i>	9 – 13 %	Ph. Eur 2.4.22A
C 16: 1 Acide palmitoléique / <i>Palmitoleic acid</i>	≤ 0.6 %	
C 18: 0 Acide stéarique / <i>stearic acid</i>	2 – 6 %	
C 18: 1 Acide oléique / <i>Oleic acid</i>	12 – 20 %	
C 18: 2 Acide linoléique / <i>linoleic acid</i>	30 – 45 %	
C 18: 3 Acide linolénique (alpha) / <i>linolenic acid (alpha)</i>	≤ 1.5 %	
C 18: 3 Acide linolénique (gamma) / <i>linolenic acid (gamma)</i>	20 – 27 %	
C20 : 0 Acide arachidique / <i>Arachidic acid</i>	≤ 1 %	
C20: 1 Acide gadoléique / <i>Gadoleic acid</i>	2.8 – 5 %	
C 22: 1 Acide érucique / <i>Erucic acid</i>	≤ 3 %	
C 24: 1 Acide nervonique / <i>Nervonic acid</i>	≤ 4.5 %	

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

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CARACTERISTIQUES A TITRE D'INFORMATION / *ADDITIONAL INFORMATION:*

Point d'ébullition / *Boiling point:* > 250°C

Point d'éclair / *Flash point:* > 290°C

It's a vegan product

ISO 16128:

Natural index = 1

Natural origin index = 1

APPLICATIONS :

Alimentaire, Cosmétique, Pharma / *Food, Cosmetic, Pharma*

Diététique, cosmétologie / *Dietetics, Cosmetology*

CONDITIONNEMENT STANDARD / *STANDARD PACKAGING :*

Tonnelet de 27/54kg – fût 190 kg / *Keg of 27/54 kg – drum 190 kg*

Matière première non classifiée comme substance dangereuse / *Raw material not classified as dangerous substance*

A conserver en emballage soigneusement fermé, sous atmosphère inerte à l'abri de l'oxygène, la lumière et de la chaleur / *Store in a well-filled, well-closed container, protected from oxygen, light and heat*

Additives	Doesn't contain additives
Allergen	This product doesn't contain food allergens (1169/2011) Doesn't contain cosmetic allergen (1223/2009 & 2023/1545)
Animal Testing	Has not been tested on animals
BSE - Bovine Spongiform Encephalopathy	No risk for BSE
California Prop 65	This product (CAS: 225234-12-8) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Doesn't contain substances or traces of substances CMR according to Annex VI of Directive CE 1272/2008 & 2023/1490
Composition	100% Borago officinalis seed oil
Cosmetic	Compliant with cosmetic regulation 1223/2009/CEE and its amendments
Cosmos / Ecocert	With available information, this product seems to be cosmos accepted
Danger	This product is not classified as dangerous in accordance with CLP and ADR
Dioxane	Compliant regulation 2023/915
Ecolabel	<i>No data available</i>
European Pharmacopeia	Comply with European pharmacopeia
Food	Can be used as food supplement
Genetically Modified Organisms (GMO)	Doesn't contain GMO
Inventories	This product (cas 225234-12-8) is only listed in TCSI (Taiwan)
Geographic origin (for plant)	China
Glycol ether	The presence of Glycol ether is not expected but not analyzed
Halal	Not certified but comply with halal standards
Heavy Metals	Compliant regulation 2023/915
HS code	15159060

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Irradiation / ionization	Has not been irradiated or ionized	
Kosher	<i>No data available</i>	
Latex	Doesn't contain latex	
Manufacturing location	China	
Microbiological data	Are not favorable to microbiological development. The oils are deodorized (180-250°C) during the refining process, which effectively eliminates microbiological activity. The water content (typically less than 0.5%) is low and provides an environment that is not suitable for microorganisms - total aerobic: < 1000 cfu/g, - absence of pathogens germs in 1 g	
Microplastic	Not expected (2023/2055)	
Nanomaterials	Doesn't contain nanomaterials (2011/696 & 1223/2009)	
Nitrosamine	Not expected but not analyzed	
Nutritional data	Nutritional information (for 100g): Caloric value: 3700 KJ (900Kcal), Proteins : 0g, Glucides : 0g, Lipids (fatty acids): 100g,	- saturated:16g, - Mono-saturated: 28g, - polyunsaturated: 56g, salt:0g
Origin	100% vegetable	
PAH/PFAS	PAH and PFAS are not expected	
Pesticide	Complies with European Regulation EC 396/2005	
Phthalate	The presence of phthalates ether is not expected but not analyzed	
Preservative	Doesn't contain preservatives	
Process	This oil is obtained by mechanic extraction then chemical refining	
REACH	Exempt	
Residual Solvents	Doesn't contain residual solvents (CPMP/ICH/283/95)	
RSPO	Doesn't contain palm oil – Not concerned	
Shelf Life	12 months	
Substances of Very High Concern (SVHC)	Doesn't contain SVHC	
Volatiles organic compounds (VOC)	Doesn't contain VOC	

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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.*