

	Dossier technique et réglementaire / <i>technical and regulatory document</i> HUILE DE BOURRACHE PRESSION A FROID BIOLOGIQUE*	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:*

De couleur jaune pâle à vert foncé, léger goût et odeur caractéristique obtenue par pression mécanique des graines de *Borago officinalis* / *Pale yellow to green color, light taste and characteristic odor obtained by mechanical pressure of Borago officinalis seeds*

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

*Matière première issue de l'Agriculture Biologique certifiée par Ecocert FR-BIO-01 / **Raw material from "Agriculture Biologique" certified by Ecocert FR-BIO-01*

CARACTERISTIQUES GARANTIES / *GUARANTEED SPECIFICATIONS:*

CARACTERISTIQUES	SPECIFICATIONS	METHODES / <i>METHODS</i>
Densité à 20°C / <i>Density at 20°C</i>	0.910 – 0.928 g/cm ³	Ph. Eur 2.2.5
Indice de réfraction à 20°C / <i>Refractive index at 20°C</i>	1.470 – 1.480	Ph. Eur 2.2.6
Indice d'acide / <i>Acid value</i>	≤ 6 mg KOH /g	Ph. Eur 2.5.1
Indice d'iode / <i>Iodine value</i>	130 – 150 gI ₂ / 100g	Ph. Eur 2.5.4
Indice de peroxyde / <i>Peroxide index</i>	≤ 15 meq O ₂ / kg	Ph. Eur 2.5.5
Indice de saponification / <i>Saponification value</i>	184 – 195 mg KOH/g	Ph. Eur 2.5.6
<u>Composition en acides gras / <i>Fatty acids composition</i></u>		
C 16: 0 Acide palmitique / <i>Palmitic acid</i>	8 – 13 %	Ph. Eur 2.4.22
C 18: 0 Acide stéarique / <i>stearic acid</i>	2 – 7 %	
C 18: 1 Acide oléique / <i>Oleic acid</i>	14 – 24 %	
C 18: 2 Acide linoléique / <i>linoleic acid</i>	34 – 45 %	
C 18: 3 Acide linolénique (gamma) / <i>linolenic acid (gamma)</i>	16 – 25 %	
C20 : 1 Acide gadoléique / <i>Gadoleic acid</i>	3 – 5 %	
C22 : 1 Acide érucique / <i>Erucic acid</i>	1 – 4 %	
C24 : 1 Acide nervonique / <i>Nervonic acid</i>	1 – 3 %	

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

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

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ISO 16128:

Natural index = 1

Natural origin index = 1

Organic index = 1

organic origine index = 1

APPLICATIONS :

Alimentaire, Cosmétique/ *Food, Cosmetic*

Diététique, cosmétologie / *Dietetics, Cosmetology*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

Tonnelet de 27kg / *Keg of 27kg*

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) Cosmetic allergen (1223/2009 & 2023/1545) : This cold-pressed oil is characterized by its organoleptic properties typical. These properties come from volatile natural components of the seeds passing through the pressed oil. The quantity of traces can vary so it is not possible to know if they are analytically accessible. To date, no allergenic substances have been detected in this product. The risk assessment of applying this oil and its use in some formulations are under the whole responsibility of our clients.
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	This raw material from "Agriculture Biologique" is certified by Ecocert FR-BIO-01
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	Not 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

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Heavy Metals	Compliant regulation 2023/915	
HS code	15159059	
Irradiation / ionization	Has not been irradiated or ionized	
Kosher	<i>No data available</i>	
Latex	Doesn't contain latex	
Manufacturing location	China	
Microbiological data	No microbiological test is performed on this oil because the environment is not favorable to microbiological development. It is considered as a vegetable raw material because it does not undergo any heat treatment adapted to reduce the microbiological load. Therefore, the microbiological status may vary from batch to batch and is not subject to any acceptance or limit criteria.	
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 cold pressure	
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.*