



Nature wins!

CBD Premix 5.0 Raw

DESCRIPTION

HempFlax CBD Premix is a supercritical CO₂ extract from the leaves of industrial hemp varieties - listed on the EU variety list - mixed with cold pressed organic hemp seed oil. This product is suitable for food supplements and cosmetic applications.

GENERAL INFORMATION

Botanical name	<i>Cannabis sativa</i> L.
Product classification	Vegetable extract standardized in vegetable oil
Plant part used for the extract	Upper third of the plant
Plant part used for the oil	Hemp seeds
Composition	25% – 35% Hemp Extract 65% – 74% Hemp Seed Oil Sunflower Lecithin
Country of origin	Germany
Ingredients' origin	EU
Solvent Free	As extraction is done with critical CO ₂ no other solvent is used
Internal product number	4000218

QUALITY STATEMENT

- The above-mentioned product is compliant with **Reg. 852/2004** on the hygiene of foodstuffs and the premises thereof.
- HempFlax also attests being compliant with **Reg. 178/2002** on the general principles and requirement of food law.
- The product is compliant with **Reg. 999/2001** laying down rules for the prevention, control and eradication of certain transmissible spongiform encephalopathies (TSE/BSE)
- The product is compliant with **Dir. 1999/2** and **1999/3** excluding the treatment of food and food raw materials with ionizing irradiation.
- The product is compliant with **Reg. 1169/2011** concerning food labelling with regards to:
 - o allergen declaration
 - o nutritional values
 - o nanomaterials
- Lecithin used conforms to **Reg. 1333/2008** and **Reg. 231/2012**.
- For the above-mentioned product there is no obligation of GMO labelling as defined by the **Reg. 1829/2003** and **1830/2003** of the European Parliament and the Council of 22nd September 2003.
- The product is also compliant with **Reg. 594/2012** amending **Reg. 1881/2006** as regards to the maximum levels of the contaminant melamin.
- The product packaging material are compliant with **Reg. 1935/2004** and **10/2011** on materials and articles intended to come into contact with food.
- HempFlax also complies with **Reg. 396/2005** and amendments on maximum residue levels of pesticides in or on food and feed of plant and animal origin in this product.
- The product is compliant with **Dir. 2009/32** on extraction solvents used in the production of foodstuffs and food ingredients.
- Finally, this product is compliant with **Reg. 696/2014** amending **Reg. 1881/2006** as regards to maximum levels of erucic acid in vegetable oils and fats and foods containing vegetable oils and fats.



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SPECIFICATION

Appearance	Brown to black liquid
Odour	Characteristic, fresh cut grass
Consistency	Viscous at temperatures < 20°C

ARRAY

Density	0,91 - 0,96 kg/liter
Solubility	Soluble in ethanol and oils
Total CBD (CBD+CBDA)	5% ± 10% (HPLC-UV - MS)
Tetrahydrocannabinol (THC)	< 0,05%

HEAVY METALS

According to **Reg. 333/2007**

Lead	< 3.0 ppm
Cadmium	< 1.0 ppm
Mercury	< 0.1 ppm
Arsenic	< 1.0 ppm

TOXINS

According to **Reg. 406/2006** Annex II

Aflatoxin B1	< 2.0 ppb
Sum of aflatoxins (B1, B2, G1, G2)	< 4.0 ppb

POLYAROMATIC HYDROCARBON

According to **Reg. 333/2007**

Benzo(a)pyrene	< 10.0 ppb
Sum of PAH4	< 50.0 ppb



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ENDOCRINAL PERTURBATORS

According to **Reg 2017/644; 1881/2006**

Dioxins	
Sum of dioxins	< 0,75 pg/g fat
Sum of dioxins and dioxin-like	< 1,25 pg/g fat
PCB's	
Sum of PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180	< 40 ng/ng fat

PHYTOSANITARY

According to **Reg. 396/2005** and amendments

Pesticides	Conforms
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MICROBIOLOGY

According to **Reg. 1441/2007; 2073/2005**

Total aerobic plate count	< 10.000 cfu / g
Total yeast and moulds count	< 1000 cfu / g
Bile-tolerant G- bacteria	< 1000 cfu / g
<i>Escherichia coli</i>	Negative / g
<i>Salmonella spp.</i>	Negative / 25g





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ALLERGENS

Information concerning Annex II of Regulation (EU) No 1169/2011 of the European Parliament and of the Council of 25th October 2011 and its amendment (EU) No 78/2014 on substances or products causing allergies or intolerances

Table with 2 columns: Allergen description and Validity (Valid/No). Rows include: Contains allergens..., Cereals containing gluten..., (Comment: Contains mannitol...), Crustaceans..., Eggs..., Fish..., Peanuts..., Soybeans..., Milk..., Nuts..., Celery..., Mustard..., Sesame seeds..., Sulphur dioxide..., Lupin..., Mollusc...

* exempt from allergen labelling according to Annex II of Regulation (EU) No 1169/2011

Version: 3 | Last Modification: August 2019





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ORGANIC STATUS EXPLANATION OF RAW MATERIALS

Extract Not certified, grown without pesticides or artificial fertilizer but not on organic certified lands
Oil The oil used is from organic certified origin, Certification 1340/2015, Ecoinspect.

Please note:

More than 5% of the final product comes from non-organic origins (extract), therefore the term organic can not be used neither on the packaging nor in commercial advertisement.

APPLICATIONS AND USE

As far as the knowledge goes for HempFlax GmbH, the HempFlax CBD Premix fulfils all EU Food Supplement requirements. In regards to CBD, within the EU, there could be regional regulation and legislations in place, with specific requirements for food supplements based on hemp (*Cannabis sativa* L.). HempFlax GmbH assumes no liability, it is the own responsibility of every customer to check possible additional requirements and the legal status of bringing this premix on the market within a certain country or region.

STORAGE AND SHELF-LIFE

20 months from date of production in original unopened packaging. Store cool (+4°C to +20°C) dark and dry. In contact with oxygen, light and higher temperatures, the quality of the product will be overshadowed. Therefore opened packages have to be closed immediately.

PACKAGING

Bulk option: 20 liter plastic drums, 20 drums per euro pallet.
Retail option: 10 or 30ml dropper bottles, 10.000 bottles per euro pallet

CONTACT

For more information or questions please contact HempFlax GmbH
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The information contained herein has been compiled with our utmost care and attention. Nevertheless, customers are advised to make their own tests in order to determine the suitability of our product in combination with the other ingredients for their own purposes, as well as being aware of local regulatory situations surrounding this product. Since we cannot anticipate all conditions, we accept no liabilities for results obtained by using our products.

