Product Specification

Date: 01-10-2021
Version: 1.0

2.5% CBG + 2.5% CBD olive oil

Article No.: xxx
EAN: xxx

Product name: 2.5% CBG + 2.5% CBD olive oil
Product: Olive oil 95%, hemp extract 5% (Cannabigerol & Cannabidiol)

Cannabigerol & Cannabidiol

Origin:	European Cannabis sativa L. (Industrial hemp)	
CAS No.:	CBG:	25654-31-3
	CBD:	13956-29-1
IUPAC:	CBG:	2-[(2E)-3,7-Dimethylocta-2,6-dienyl]-5-pentyl-benzene-1,3-diol
	CBD:	2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl] -5-pentylbenzene-1,3-diol
Molecular formula:	CBG:	$C_{21}H_{32}O_2$
	CBD:	$C_{21}H_{30}O_2$
Molecular weight:	CBG:	316,49 g/mol
	CBD:	314,46 g/mol

Description

2.5% CBG + 2.5% CBD olive oil is an olive oil based product mixed with 5% hemp extract; a raw material obtained after supercritical CO2-extraction, solvent fractionation and distillation.

General information

Application and Use	Can be used pure or added to oily food and drinks Do not exceed recommended dosage Supplements are no substitute for a healthy diet
Characteristic	CBG/CBD oil: liquid at room temperature (The product may form flakes when refrigerated, which will disappear at room temperature.)
Storing conditions	Store at temperature: 15 – 25°C, dry and dark Keep out of the reach of children
Shelf Life	Up to 2 years from production. After opening: Up to 6 months.
Packaging bottle	10 ml transparent glass bottle*
Packaging pipet	Plastic / silicone dropper, glass pipet. Approved by: Commission Regulation (EU) no. 10/2011
Recommended use	3 to 4 drops, 3 times per day
Food Safety System	FSSC22000 certified (NL)
Organic	Yes – not certified
Vegan	Yes
Halal	Yes
Country of Origin	The Netherlands (Hemp: Europe / USA / Switzerland)

*** No estimated sign (℮) protocol.**

Specification/Ingredients

Appearance	Dark yellow to gold*
Taste	Bitter, strong hemp taste
CBG (HPLC-UV)	2.5% (-1% + 10%)
CBD (HPLC-UV)	2.5% (-1% + 10%)
THC (HPLC-UV)	detection limit is 0.05% (500 PPM)
DELTA9-THC (HPLC-UV)	Limit of Quantification < LOQ*
Density	0.93 g/ml

***Natural colored by full cannabis sativa plant extract**
***Limit of Quantification (LOQ): 0.005 % w/w**

Microbiologic assay
Yearly extern laboratory control. Analyses ISO 17025 accredited by RvA (ILAC).
Next values are guidelines:

Enterobacteriaceae	<10 cfu/g
Total aerobic count	<100 cfu/g
Fungi/ mold	<100 cfu/g
yeast	<100 cfu/g

Heavy Metals
The product complies with the European legislation maximum levels for certain contaminants in foodstuffs. Reg. (EC) No: 1881/2006. However, we do no test each batch for heavy metal residues.

Pesticides statement
To our knowledge of productions process, in the above mentioned product, complies with the European legislation on pesticides residues, esp.

- Reg. (EC) No: 396/2005. However, we do no test for pesticide residues on a routine basis.

Residual Solvents Statement
The product is compliant with:

- Dir.:2009/32/EC of the European Parliament and the Council of 23 April 2009 on the approximation of the laws of the Member States on extraction solvents used in the production of foodstuffs and ingredients.
- Dir.:2010/59/EU of August 2010 amending Dir.: 2009/32/EC of the European Parliament and of the council on the approximation of the law of the Member States on extraction solvents used in the production of foodstuffs and ingredients.

Legal notice
The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. Cannaxlife does not hold any liability regarding the product or its use.

Allergens Statement
In accordance to the Dir:2003/89/EC and council amending Dir:2000/13/EC and taking Dir:2005/2/EC, Dir:2005/63/EC and Dir:2006/142/EC of 22.12.2006 into consideration.

We confirm the following information:

Allergen:	**Present**
Cereals containing gluten (i.e. wheat, rue, barley, oats, spelt, kamut or their hybridized strains) and products thereof	NO
Crustaceans and products thereof	NO
Eggs and products thereof	NO
Fish and products thereof	NO
Peanuts and products thereof	NO
Soybeans and products thereof	NO
Milk and products thereof (including lactose)	NO
Nuts (i.e. almond, hazelnut, walnut, cashew nut, pecan nut, Brazil nut, pistachio nut, macadamia nut and Queensland nut and products thereof)	NO
Celery and products thereof	NO
Mustard and products thereof	NO
Sesame seeds and products thereof	NO
Lupine and products thereof	NO
Molluscs and crustaceans and products thereof	NO
Sulphur dioxide and sulfite at concentrations of more than 10mg/kg or 10mg/L expressed as SO2	NO

Additional Allergens (LaDa):	**Present**
Lactose	NO
Cacao	NO
Glutamate (E620-E625)	NO
Chicken Meat	NO
Coriander	NO
Corn/Maize	NO
Legumes	NO
Beef	NO
Pork	NO
Carrot	NO

GMO Statement

This product has not been genetically modified so there is no obligation of GMO labeling as defined by the mentioned regulations.

- Reg. (EC) No:1830/2003 of the European Parliament and the Council of 22nd September 2003 on genetically modified food and feed.
- Reg. (EC) No:1830/2003 of the European Parliament and the Council of 22nd September 2003 concerning traceability and labeling on genetically modified organisms and traceability of food and feed products from genetically.

Non irradiation/ non Ionized Statement

According to directives 1992/2/EC and 1999/3/EC, we confirm the product is not made from irradiated/ionized raw materials or was irradiated/ionized during production.

Nanomaterials Statement

According to the definition of NANOMATERIALS of the EU Reg.(EU)No: 1169/2011 of the European Parliament and of the council of 25 October 2011 on the provision of food information to consumers, we hereby attest that no nanomaterials are used in the formulation nor in the packaging materials of our material.

Ames study

(-)-cannabidiol was subjected to genotoxicity testing in the bacterial reverse mutation test (AMES) OECG Guideline 471 by using S. typhimurium strains TA98, TA100, TA1535, TA1537 and E. coli strain WP2(pKM101) with or without metabolic activation (S9 mix) as the test organisms. No mutagenicity was shown since concentrations of 0.06 – 5 mg/plate, is considered to be NON MUTAGENIC / NON PRO-MUTAGENIC under the experimental conditions assayed. [GLP study B03261].

R&D product information

This product data sheet was compiled by Cannaxlife on the basis of information provided by the manufacturer, and is solely intended for service related and information purpose. If any explanation or advise is given, it is of a general nature and the explanation or advise dos not target a specific situation or condition.

For Comments: