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Cibdol Meladol

 Article No.: CIBD0050
 EAN: 7640178660502

 Product name: Cibdol Meladol
 Ingredients:

Ingredients	Percentage	
Water	Add to 100 %	
SOY Lecithin	5.00 %	
Glycerol	3.00 %	
Ethanol	2.30 %	vol.
Hemp extract	0.25 %	2.5 mg/ 1ml
Potassium Sorbate	0.20 %	
Melatonin	0.15 %	
Vitamin B6	0.065 %	
Terpenes	0.030 %	
Vitamin E	0.006 %	

Cannabidiol

 Origin: European Cannabis sativa L. (Industrial hemp)
 CAS No.: 13956-29-1
 IUPAC: 2-[(1R,6R)-3-Methyl-6-(1-methylethenyl)-2-cyclohexen-1-yl]-5-pentyl-1,3benzedeniol
 Molecular formula: C₂₁H₃₀O₂
 Molecular weight: 314,46

Description

Cibdol Meladol is a liposome CBD combined with melatonin. The CBD and melatonin molecules are captured by lecithin and serves as a protective bubble to allow the CBD and melatonin more effectively in the body. The hemp extract is a raw material obtained after supercritical CO₂-extraction, solvent fractionation and distillation from Switzerland.

Liposomal technology

When mixed with water, phospholipids form microscopic tiny vesicles with a central void encapsulating water and active ingredients dissolved in the water. Whilst hydrophilic molecules can be held within the encapsulated water, hydrophobic chemicals can be dissolved into the membrane itself and in this way liposomes have the ability to carry both hydrophobic and hydrophilic molecules.

The attraction of using liposomes to deliver nutrients, supplements and drugs into the body is that they are easily absorbed by the gastro intestinal tract and as a consequence the additional encapsulated molecules are absorbed at the same time.

General information

<i>Application and Use</i>	Can be used pure or added to oily food and drinks.
<i>Characteristic</i>	Meladol: liquid at room temperature. (The product may form flakes when refrigerated, which will disappear at room temperature.)
<i>Storing conditions</i>	Cool, dry and dark. Keep out of the reach of children.
<i>Shelf Life</i>	Refrigerate after opening at 4°C for maximum of 2 months.
<i>Packaging</i>	30 ml bottle. (glass bottle, pipette dropper)
<i>Recommended use</i>	1 ml, 15 minutes before sleep
<i>Food Safety System</i>	FSSC22000 certified (NL) / CH In progress
<i>Country of Origin</i>	Switzerland (Hemp: Europe)

Specification/Ingredients

<i>Appearance</i>	Gold to light brown*
<i>Smell</i>	Characteristic smell of lecithin and hemp
<i>Taste</i>	Bitter characteristic taste
<i>CBD (HPLC-UV)</i>	2.5 mg
<i>THC (HPLC-UV)</i>	Not detectable by HPLC-UV analytical method (detection limit 10 ppm) on semi-finished product.

* Natural colored by full cannabis sativa plant extract. (Max. THC N/D)

Nutrition values

Nutrition	100 ml contains	Amount per serving (1 ml)
Energy	36 kcal / 150,6 kJ	0,36 kcal / 1,51 kJ
Fat	21,3 g	0,2 g
Of which saturates	0,0 g	0,0 g
Carbohydrate	8,4 g	< 0,1 g
Of which sugars	0,0 g	0,0 g
Protein	0,0 g	0,0 g
Salt	0,0 g	0,0 g

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 comply with the European legislation maximum levels for certain contaminants in foodstuffs. Reg. (EC) No: 1881/2006. However, we do no test each batch for pesticide residues.

Pesticides statement

To our actual knowledge of production process, raw materials and equipment used potential pesticides residues in the above mentioned product comply with the European legislation on pesticides residues, esp.

- Reg. (EC) No: 396/2005. However, we do not test for pesticide residues on a routine basis.

Residual Solvents Statement

The product meets 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.

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, rye, 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	YES
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 SO ₂	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.

R&D product information

This product data sheet was compiled by CIBDOL AG, 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 does not target a specific situation or condition.

I. van Delft, Quality manager

