

## Product Specification

“Premix” Regular – Refined oil / Hemp Extract Blend

<b>Supplier</b>	MH medical hemp GmbH
<b>Address</b>	Münsterstr. 334 40470 Düsseldorf, Germany
<b>Telephone</b>	+49-(0)211-699 90 56-10
<b>E-mail</b>	info@medicalhemp.com
<b>Web</b>	www.medicalhemp.com
<b>Statutory note to the below mentioned values (chapter 1. and 2.):</b>	All stated values are average and limit values respectively. They are not meant to ensure warranty of characteristics. They come without commitment and are not valid for any claim of warranty and product liability respectively.

### Table of contents

1 - General information	2
2 - Physical, chemical, microbiological specification	3
3 - Allergens according to Regulation (EU) No. 1169/2011 Annex II	5
4 - Statement about usage of GMO	6
5 - GMO Statement	7
6 – Packing	8

## Product Specification

“Premix” Regular – Refined oil / Hemp Extract Blend



### 1 - General information

<b>Botanical Name</b>	Cannabis Sativa L.
<b>Product classification</b>	Vegetable extract standardized in vegetable oil
<b>Plant part extracted</b>	Upper third of the plant
<b>Oil plant part origin</b>	Hemp seeds
<b>Composition</b>	15 % - 30% Hemp extract 70 - 85 % Hemp seed oil
<b>Country of origin</b>	Germany
<b>Ingredients' origin</b>	EU
<b>Solvent free</b>	As extraction is done with critical CO2 no other solvent is used



2 - Physical, chemical, microbiological specification

Physical specifications	
Cultivation	Conventional
Origin	Germany - EU
Variety	Cannabis sativa L.
Production method	This product is hemp extract obtained through CO2 extraction, and blended with refined hemp seed oil.
Appearance	Dark green
Odour, taste	slightly nutty, characteristic
Consistency	liquid
Storage	Keep dry, dark and cool ( $\leq 20$ °C). In contact with oxygen, light and higher temperatures, the quality of the product will be negatively influenced.
Shelf life	18 months from production month
Use	<p>As a precautionary measure, we would like to point out that according to the Novel Food Regulation - EU 2018/2283, hemp extracts and cannabinoids might not be permitted as food.</p> <p>MH medical hemp 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.</p>

## Technological, Quality Aspects:

Rel. density (20°C)	0,91 – 0,96 kg/liter
Moisture	< 0,1%
aw- value	0,51
Solubility	Soluble in ethanol and oils
Gluten	< 20 mg/kg
total- THC	< 0,05 %
total- CBD	3 %, 5 %, 10 %, 20 % (Batch dependent)
Pesticides, Contaminants	In accordance to the Council regulation (EC) No 396/2005 and No 839/2008, (EC) No 1881/2006 and (EU) 165/2010, as well as to (EC) No 834/2007, (EC) No 889/2008
Heavy metals	In accordance to Council regulation (EC) No 1881/2006 and (EC) No 835/2011

## Characteristics:

Naturally free of gluten and allergens

## Microbiology:

Total Viable Count	< 1.000 [cfu/g]
Enterobacteriaceae	< 100 [cfu/g]
Escherichia Coli	< 10 [cfu/g]
Yeast	< 100 [cfu/g]
Moulds	< 100 [cfu/g]
Salmonella spp.	not detectable in 125g

3 - Allergens according to Regulation (EU) No. 1169/2011 Annex II

Allergen	Contained in the product (Yes / No)	Cross contamination possible (Yes / No)
Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or hybrid strains thereof) and products thereof	No	No
Crustaceans and crustacean products	No	No
Eggs and egg products	No	No
Fish and fish products	No	No
Peanuts and peanut products	No	No
Soy and soy products	No	No
Milk and milk products (including lactose)	No	No
Nuts (i.e. almond, hazelnut, walnut, cashew nut, pecan, Brazil nut, pistachio, macadamia nut and Queensland nut) and products thereof	No	No
Celery and celery products	No	No
Mustard and mustard products	No	No
Sesame seeds and sesame seed products	No	No
Sulfur dioxide and sulfites in concentrations greater than 10 mg/kg or 10 mg/liter, expressed as SO <sub>2</sub>	No	No
Lupine and lupine products	No	No
Molluscs and mollusc products	No	No

Product Specification

“Premix” Regular – Refined oil / Hemp Extract Blend



4 - Statement about usage of GMO

(According to regulation (EG) No 1829 and 1830/2003)

Questionnaire	(Yes / No)
Does the product contain „novel foods” according to the regulation (EC) No 2015/2283?	No
Is the product GMO or does it contain GMO?	No
Is product labeling obligated according to common position (EC) No 22/2003?	No
Does the product contain any parts of Bt- corn or of Ready Soy – Components?	No
Does the product contain any parts of other cultivated genetically modified plants (e.g. canola, tomatoes etc.)?	No
Did a genetically modified organism or a derivate of it get involved in the production process (e.g. enzymes)?	No
Does the product contain an ingredient that contains GMO, consists of GMO or was made of GMO? Excluded hereof are parts of GMO (per single ingredient) < 0,9% as long as they were technically unavoidable or occurred coincidentally.	No
Is genetically modified material detectable (DNA or proteins) in the product?	No
What kind of actions are implemented to ensure a complete traceability of all used raw materials and additives related to the absence of GMO and to avoid cross contamination.	Specifications of all suppliers are available
A GMO-Certificate is available for the mentioned product and will be provided on request.	No *
Period of time between conducted GMO-Certificates	-
Recommendation for labeling	None

\* There is no GMO hemp on the world market at the moment.

## Product Specification

“Premix” Regular – Refined oil / Hemp Extract Blend



## 5 - GMO Statement

Herewith we guarantee that the delivered goods do not consist of genetically modified organisms (GMO), contain any GMO and are not produced by GMO or contain ingredients that are produced by GMO, respectively in accordance to the regulation (EC) No 1829/2003 of the European Parliament and Council, dated September the 22., 2003 about genetically modified food and feed as well as in accordance to the regulation (EC) 1830/2003 of the European Parliament and Council, dated September the 22., 2003 about traceability of food and feed produced by GMO as well as to the up dated versions of the guideline 2001/18/EC. This is valid for all used raw materials inclusive all additives and flavours.

Excluded are hereof contaminations with genetically modified materials which are technically unavoidable or happened coincidentally up to a limit of 0,9% (EU certified GMO) and 0,5%, respectively (not EU certified GMO, but approved as save by the EU) in relation to each single ingredient.

In accordance to the Council regulation (EC) No 1829/2003 no labelling is legally obligated.

Product Specification

“Premix” Regular – Refined oil / Hemp Extract Blend



6 - Packing

<b>Packaging and volume:</b>	2/5/10/25 kg- canister - Container PE- HD
<b>Storage conditions:</b>	Cool and dark. Keep dry, dark and cool ( $\leq 20\text{ }^{\circ}\text{C}$ ). In contact with oxygen, light and higher temperatures, the quality of the product will be negatively influenced.