# Your Partner & Supplier for Organic Cannabinoid Products

Raw materials catalog 2024

> SWISS ORGANIC PARTNERS



## We founded Swiss Organic Partners AG with a simple goal: To improve lives with nature's secret ingredients and make organic CBD products of the highest quality available to all.

Roland, CEO

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## Swiss Organic Partners At a Glance

We are one of the leading pharmaceutical and consumer cannabis product companies in Europe. Based in Switzerland, we develop, manufacture and distribute high-quality cannabinoid products for the pharmaceutical and well-being markets. We strive to improve lives by harnessing nature's secret ingredients and making the highest quality, Swiss- grown, organic cannabinoid products available to everyone. We see ourselves as a partner for all companies with the highest quality and service requirements.

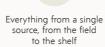


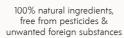
Swiss Made to the highest quality standards



The largest Bio Suisse-and GACP-certified farm with over 37 acres

BIO







Hiah production capacities & short delivery times

15 years of medical cannabis experience & working in genetics & science



Modern, gentle and sustainable CO<sub>2</sub> extraction



harvesting



THC-free\* oils with all the important ingredients



## The Love of Nature Is What Drives Us

Having grown up in the alpine landscapes, we strive to improve lives with nature's secret ingredients. Our farming and production of this power plant is unique. With our careful farming and production of cannabis, we ensure the highest quality of our organic CBD products. Having over 15 years of cannabis cultivation experience and over 25 years in organic farming, we've learned that plants are very similar to people. The more love and care they get, the better they grow. That's why we harvest every leaf by hand, don't use any foreign substances, and analyze our products in-house and with an independent laboratory—to guarantee consistency, trans- parency and the highest quality.









Organic Partners AG

## The Best Quality Our Guarantee

Cultivation

» Bio Suisse certified

» GACP compliant cultivation





Full Spectrum Extract » Bio.inspecta certified » Natrue certified » Cosmos certified









brand of Swiss organic producers and their organic products, guarantees compliance with the strict Bio Suisse standards and thus a very high organic production standard across the entire farm. The Bud has become the organic brand

O BIOSUISSE

» Use of only natural means

level of recognition.

- » Production of gently processed products
- » Assuming social responsibility for employees
- » Caring for the soil so that it remains fertile and alive

Bio Suisse organises and manages the development of

the Bud and organic farming in Switzerland. The Bud, the

in Switzerland with the greatest credibility and the highest

» Responsibility towards nature



bio.inspecta is the leading Swiss provider of inspection and certification services for products that are produced in an ecologically sustainable, animal-friendly and socially responsible manner.

- » At least 95% of the ingredients must be of organic quality
- » Products that are certified according to the basic requirements of bio.inspecta may be advertised as organic

### GACP

Our organic farmers are audited for compliance with the European Medicines Agency (EMA) Good Agricultural and Collection Practice (GACP) guideline for the cultivation of cannabis. GACP compliance ensures the highest and consistent quality of herbal products, while taking into account environmentally relevant aspects of agricultural production.

Isolate » Natrue certified » Cosmos certified



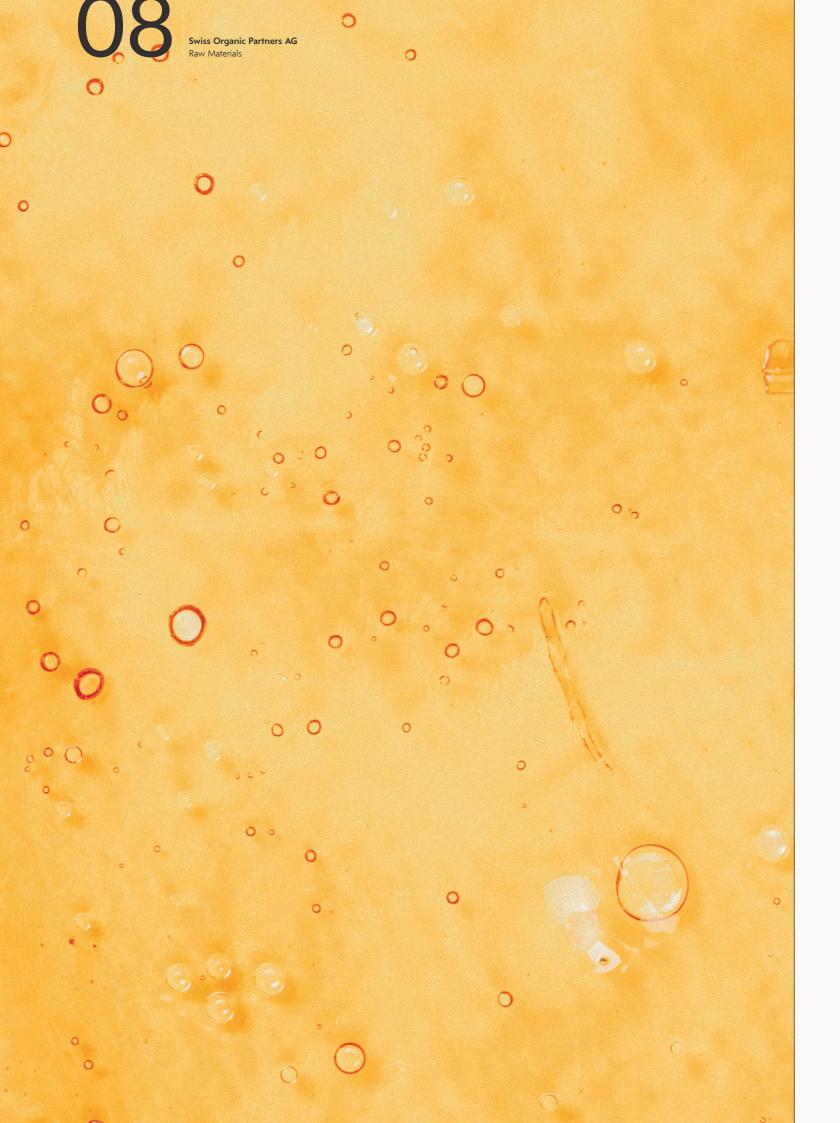


NATRUE is a European certification organisation. The organisation provides a set of standards for the certification of natural and organic cosmetics, which include requirements for the production, processing, manufacturing, labelling and marketing of natural and organic cosmetic products. The strict NATRUE criteria guarantee that manufacturers who have their products certified with the NATRUE label formulate according to one of the highest standards for natural and organic cosmetics on an international level.

- » No synthetic preservatives, fragrances or dyes and the use of environmentally friendly production methods.
- » Reliable, verifiable and international standard
- » Ensuring clarity of natural and organic ingredients and product transparency

Ecocert is the world's leading specialist in certification of sustainable practices. Ecocert is a French certification body that sets standards for natural and organic cosmetics. The standards require that all ingredients used in the manufacture of a cosmetic product are of natural origin and come from renewable resources. Ecocert also sets requirements for the manufacturing process, packaging and labelling of cosmetic products.

- » COSMOS CERTIFIED signature is for physically and chemically processed ingredients with biological content that comply with the COSMOS standard
- » COSMOS APPROVED signature is for non-biological raw materials for use in cosmetic products that are certified and approved according to the COSMOS standard



## Raw Materials High-Quality Organic Hemp Extracts

We offer a wide range of premium Swiss Made organic hemp extracts and cannabinoids for various industries. Thanks to our many years of experience in the supply and development of various high-quality cannabinoid products, we have customized solutions for different industries, such as the cosmetics or food industry.

#### Full Spectrum oils We offer different types of Full Spectrum extracts with the Full Spectrum of all naturally occurring cannabinoids and terpenes.

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#### Isolates

We offer a wide variety of cannabinoid isolates (CBD, CBG, CBN, etc.) of the highest purity, free of impurities, and in different variations.





Individual formulations

Laboratory analyses



#### Broad Spectrum oils

Thanks to THC extraction using flash chromatography, we offer high-quality Broad Spectrum extracts and distillates.

#### Certifications

We offer various certifications and labels, such as Natrue certification or Bio.Inspecta certified products and raw materials.





Highest Quality

### viss Organic Partners AG Materials

### **CBD** Isolates

#### DESCRIPTION

#### CBD isolate from Swiss organic hemp cultivation

This CBD isolate fulfils the highest standards in terms of guality and purity It has also been awarded the "Natrue" and "COSMOS approved" certifications, making it ideal for use in cosmetic products that are certified in accordance with NATRUE or COSMOS guidelines. The CBD is carefully produced from organically certified Swiss biomass in Switzerland.

#### CBD isolate from conventional hemp cultivation EU

This CBD isolate is obtained from conventionally grown biomass in the EU. It is also "COSMOS approved" and therefore ideal for use in cosmetic products that are certified according to COSMOS guidelines

#### CBD isolate from conventional hemp cultivation EU

This CBD isolate comes from conventional biomass and is produced in the EU. It is intended for use in larger quantities and for price-sensitive customers. This product is designed as a simple standard product and is primarily aimed at customers with price-sensitive requirements. is suitable for use in larger quantities. Please note our minimum orde quantity (MOQ)

## CBG & CBN Isolates

#### CBG isolate from Swiss organic hemp farming

This isolate meets the highest quality and purity standards. The CBG made from Bio Suisse- and GACP-certified biomass in Switzerland. This GMP quality product is guaranteed to be free of any pesticides, heav metals, microbiological contaminants, mycotoxins, and residual solvent It is suitable for use in NATRUE-certified organic cosmetic products.

#### **CBN** isolate from European biomass

\*To promote transparency and trust, we

provide detailed analyses that include all relevant information about our product:

Cannabinoids, pesticides, heavy metals and

solvent residues. Further analyses available

on request (excluding A000615).

This CBN isolate comes from conventional biomass and is produced in the EU. This product is designed as a simple standard product and primarily aimed at customers with price-sensitive requirements. Please note our minimum order quantity (MOQ)



## No problem

the following carrier oils:



## **Our Raw Materials** Cannabidiol Isolate

INCI: CANNABIDIOL - DERIVED FROM EXTRACT, TINCTURE OR RESIN OF CANNABIS Description & properties: White powder, crystalline, fat-soluble, odourless





GMO free



No animal testing

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	%	SWISS MADE	CULTIVATION	LABEL	ITEM NO
у. – п У	> 99%*	0	Bio Suisse	O C.	A000560
n n s.	> 98%*	-	-	æ.	A001311
n e d It er	> 99%*	_	_	_	A000615
is y s.	> 99%	Ð	Bio Suisse	-	A000730
n is	> 98%	-	-	_	A000987

Isolate with carrier oil?

In addition to the pure isolate, we also offer the possibility of mixing it with a desired carrier oil to your individual concentration. You can choose from

» Organic MCT Oil » Organic Sunflower Seed Oil » Organic Hemp Seed Oil » Other Oils on request

### iss Organic Partners AG aw Materials

## Broad Spectrum Extracts

#### DESCRIPTION

#### CBD Broad Spectrum extract

from Swiss organic hemp farming CBD>80%, THC<0.1%. Minor cannabinoids (CBG, CBC): ●●●●● Terpenes: ••••• Production: CO<sub>2</sub> extraction and THC extraction by flash chromatography

#### CBD Broad Spectrum distillate

from Swiss organic hemp farming CBD>90%, THC<0.1%. Minor cannabinoids (CBG, CBC): ●●●○○ Terpenes: ●●000 Production:  $\rm{CO}_2$  extraction and THC extraction by distillation

CBD Broad Spectrum distillate from Swiss conventional hemp farming CBD>80%, THC<0.1%. Minor cannabinoids (CBG, CBC): ●●●○○ Terpenes: ●●000 Production: CO<sub>2</sub> extraction and THC extraction by distillation



## **Our Raw Materials** Cannabis Extracts

INCI: CANNABIS SATIVA LEAF EXTRACT Description & properties: Yellowish to light brown, solid and oily, fat-soluble, odour typical of hemp









No animal testing



the following carrier oils:



%	SWISS MADE	CULTIVATION	LABEL	ITEM NO
> 80%	0	Bio Suisse	١	A000561
> 90%	0	Bio Suisse	-	A000674
> 80%	0	_	_	A000637

#### Isolate with carrier oil? No problem

In addition to the pure isolate, we also offer the possibility of mixing it with a desired carrier oil to your individual concentration. You can choose from

» Organic MCT Oil » Organic Sunflower Seed Oil » Organic Hemp Seed Oil » Other Oils on request

#### **14** Swiss Organic Partners AG Raw Materials

### Hemp Extracts And CBD In Cosmetics Great Effect With Increasing Demand

Cannabinoids are chemical compounds found in cannabis. The best known cannabinoids in the cannabis plant are the phytocannabinoid tetrahydrocannabinol (THC) and cannabidiol (CBD). In addition, there are more than 100 other cannabinoids. Hemp extracts and cannabinoids such as cannabidiol (CBD) are enjoying increasing popularity worldwide as ingredients in cosmetic products due to their diverse effects. The following effects are attributed to hemp extracts and cannabinoids (especially cannabidiol, CBD):

» Anti-inflammatory

» Pain relieving

» Skin protection/nourishing

» Antibacterial» Antioxidant

» Anti-sebum

We offer a wide range of hemp extracts and cannabinoids as raw materials for cosmetic production.

### **INCI raw materials approved in cosmetics** from the cannabis plant

Cosmetic ingredients have an international name, a so-called INCI term (International Nomenclatura for Cosmetic Ingredients). Each ingredient is also listed in the Central European Register of Cosmetic Ingredients, COSING. The following INCI are listed without restriction of use (status: January 2022):

INCI	FUNCTIONS	CAS #
CANNABIS SATIVA SEED OIL	Skin conditioning, skin conditioning - emollient	89958-21-4
CANNABIS SATIVA LEAF EXTRACT	Skin conditioning, skin conditioning - emollient	n/a
CANNABIDIOL - DERIVED FROM EXTRACT OR TINCTURE OR RESIN OF CANNABIS	Anti-sebum, Antioxidant, Skin condi- tioning, skin protecting	13956-29-1
CANNABIGEROL (since March 2021)	Skin conditioning	25654-31-3
CANNABIDIOL – SYNTHETICALLY PRODUCED	Anti-sebum, antioxidant, skin condi- tioning, skin protecting	13956-29-1
CANNABIS SATIVA ROOT EXTRACT* (since August 2021)	Antimicrobial, Antioxidant	89958-21-4

#### THC in cosmetics

For the tetrayhdrocannabinol content, THC, there are so far no legally binding guideline values for maximum quantities in cosmetics. Thus, the country-specific THC limit under narcotics law applies (0.2% in most EU countries, 1% in Switzerland).



### Swiss Organic Partners AG artnership

## Everything Under One Roof From Farming To Production To Distribution



25 years in organic farming We've been growing hemp in our fields and greenhouse near Fribourg (Switzerland), using only the purest organic methods, for over 15 years. We harvest by hand and according to the strict Bio Suisse certification guidelines.



Gentle CO<sub>2</sub> & THC extraction Our extracts and cannabinoids are produced in-house, just a few steps away from our fields. The natural and environmentally friendly CO<sub>2</sub> extraction takes place without heat to avoid the destruction of valuable cannabinoids, terpenes and flavonoids. For the Broad Spectrum, we extract THC using flash chromatography.



Everything under one roof We even do the bottling in-house. This gives us full transparency and control over every production step.







## We Think In Partnerships



We are your Cannabis Éxperts



We offer local support through local sales staff

We offer individual and customer-specific

solutions



We provide support in all legal aspects



We help you to act successfully



International and reliable distribution with import & export



#### Handpicked harvesting

During the annual harvest, the entire team rolls up their sleeves and joins in to ensure that the hemp plants are gently harvested from the fields. The plants are then neatly separated, dried, and prepared for extraction.



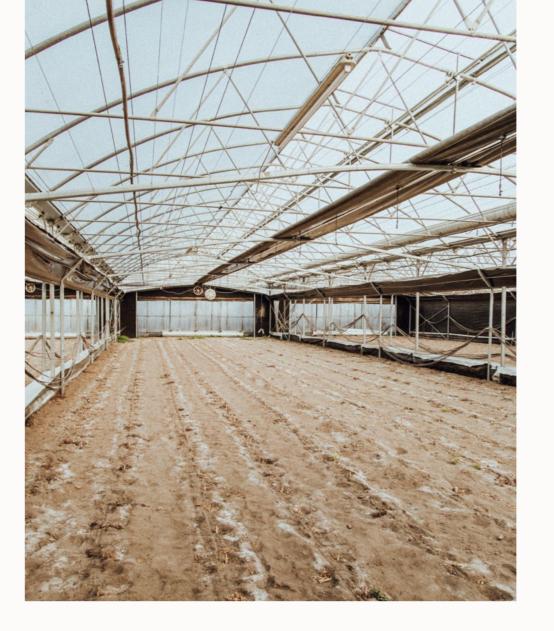
#### Independent quality assurance Trust and transparency are our top prior-

ities. We analyze each batch in our in-house laboratory while sending a sample to a certified, independent laboratory at the same time. All analyses are also available online.



#### Worldwide distribution

Our end products are exported to our EU warehouse, from where they can be shipped directly to your doorstep - anywhere in the world.



## **Sustainability** & Responsibility

We are a sustainable company. This includes, among other things, operating socially and ecologically and taking personal responsibility for the environment. We produce two tons of CBD extract per year. The entire production is under one roof - from the seeds to the finished CBD product. The entire value chain is in our hands. This means that we travel minimal distances and thus reduce our ecological footprint.

## Short Distances Up To 20% Less CO<sub>2</sub>

By keeping our sourcing routes short and in the DACH region, we emit 15-20% less CO<sub>2</sub> into the air per kg of extract produced.

# **Modern CO**<sub>2</sub> **Extraction** 10x Less CO<sub>2</sub> Emission

Extracting natural substances with modern  $\rm CO_2$  extraction produces 10 times less CO<sub>2</sub> than an extraction based on ethanol (or other comparable alcohols based on petrochemical resources).

## **Outdoor Cultivation** 98% Less CO<sub>2</sub> Emissions

A value chain based on outdoor cultivation emits 98% less CO into the air and uses 78% less water than a value chain based on indoor cultivation.

## Let's Grow Together!

Swiss Organic Partners AG Isenrietstrasse 19 CH-8617 Mönchaltorf

CH +41 44 508 04 78

hello@swopa.ch www.swopa.ch

