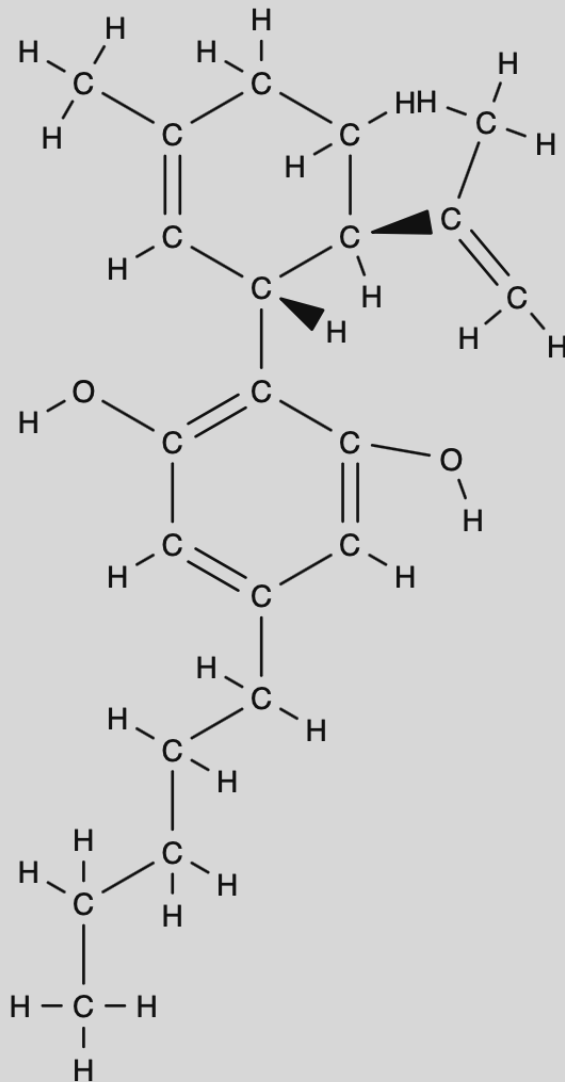


WE ARE BIOSYYD.

20
21



INDUSTRIAL HEMP PROCESSING

ABOUT US



Biosyyd is carrying out research & development activities, provides consultancy services in the specialized field of bioactive compound extraction, processing and formulation, and is an ISO 22000:2018 and EU GMP certified producer of Industrial Hemp derived products and ingredients.

Our main focus is to develop scientific processing of various active plant materials that leads into production of valuable nutrients and biologically active substances for different industries.

At our newly built processing laboratory we created an R&D infrastructure and developed equipment for the superfine extraction, distillation & fractionation and vibration separation. Moreover, we set up an internal top-notch analytical laboratory in order to meet the highest production and research standards. Our long-standing experience and expertise, academic partners and the state of art facility allows us to carry out R&D activities, develop prototypes and work on commercialization of novel formulations.

PRODUCTS

Our **pure CBD Isolate** is the key ingredient for some of the industrial hemp industry's most recognized CBD products (CBD Supplements, CBD Cosmetics and CBD Edibles). Never synthetic and never fortified, our naturally high CBD material is gently refined to remove the other Cannabinoids and unwanted compounds all the way down to a single molecule of pure CBD crystalline Isolate. With **greater than 98% potency**, our CBD Isolate is processed in a highly controlled environment and refined to guarantee industry-leading purity and consistency.

Our **pure CBG Isolate** is made with the highest level of quality, consistency and compliance to ensure that your finished product will meet those standards as well. Never synthetic and never fortified, our naturally high CBG material is gently refined to remove the other Cannabinoids and unwanted compounds all the way down to a single molecule of pure CBG crystalline Isolate. With **greater than 98% potency**, our CBG Isolate is processed in a highly controlled environment and refined to guarantee industry-leading purity and consistency. CBG Isolate is the ideal way to introduce this highly-valued cannabinoid to any product.

CBD & CBG ISOLATE



All our Isolates are derived from EU certified genetics and produced in Europe. Biosyyd, as a registered Food Business Operator strictly complies with food-grade manufacturing practices and requirements, guaranteeing that all finished products and ingredients are produced in a manner consistent with food products. All products and ingredients comply with the Food Safety Management System according to the requirements of ISO 2200:2018. In addition, Good Manufacturing Practices (GMP) Certification ensures that cosmetic and personal care products and ingredients are manufactured under specified conditions of hygiene, and with proper documentation for all ingredients, processes, distribution and packaging.

Biosyyd is a reliable partner for various industries and companies that would like to introduce Industrial Hemp derived Isolates into their products, formulations or wholesale network. There is no risk of THC content when incorporating CBD Isolate into a formula. This ingredient is the easiest to work with in terms of consistency and physical form, for that reason it is easy to measure the right quantities when formulating, also it is completely odorless and tasteless.

PRODUCTS

At Biossyd, we offer a range of **Full Spectrum CBD & CBG Oils**, containing all of the natural and beneficial cannabinoids and terpenes from the industrial hemp plant. The other industrial hemp compounds offer beneficial elements such as phytocannabinoids, terpenes, proteins, fiber, fatty acids and essential vitamins, triggering the **Entourage Effect**, the benefit of multiple compounds working together. With all the major and minor cannabinoids and terpenes working synergistically, the user may experience a greater positive effect than when taking CBD alone as an isolated molecule.

Because of Full Spectrum Oil's natural extraction, gentle processing and refinement, there are only trace amounts of THC left in the product. Our offerings are compliant with up-to-date regulations and contain less than 0.2%* of this compound. Through stringent quality control, we ensure that all our Full Spectrum ingredients have critical attributes, taste, color, potency, and purity that will consistently meet the highest standards for cosmetic or other industries and satisfy our customers' requirements for finished products and ingredients.

Our **Broad Spectrum CBD & CBG Oils** are the purest on the market today, containing 0.0% THC, and are bursting with synergistic and naturally occurring cannabinoids and terpenes. We can guarantee 0.0% THC-free CBD & CBG Oils while maintaining other beneficial molecules that trigger the Entourage Effect. During the extraction & purification process for this premium ingredients, we use proprietary technology that preserves terpenes and plant lipids while eliminating unwanted THC, chlorophyll and waxes.

Through stringent quality control and testing schemes, we know that our 0.0% THC Broad Spectrum CBD & CBG Oils have critical attributes, taste, color, potency, and purity, that will consistently meet the highest standards for cosmetic or other industries and satisfy our customers' requirements for finished products and ingredients.

Looking for CBD for pets? We have an additional CBD formulation with Salmon Oil which is made exclusively for our beloved four-legged friends. Everything is formulated and is ready to use - all you need to do is to put your labels on.

Start with your choice of CBD or CBG Distillate. Define your desirable potency (e.g. 5% in 10ml) and the preferable carrier oil (e.g. Hemp Seed Oil, Olive Oil, MCT or Sea Buckthorn Extract). In addition, we can work on your specific terpene profile. Formulated and ready to bottle - our bulk CBD & CBG Oils.

All our Full & Broad Spectrum Oils are derived from EU certified genetics and produced in Europe. Biossyd, as a registered Food Business Operator strictly complies with food-grade manufacturing practices and requirements, guaranteeing that all finished products and ingredients are produced in a manner consistent with food products. All products and ingredients comply with the Food Safety Management System according to the requirements of ISO 2200:2018. In addition, Good Manufacturing Practices (GMP) Certification ensures that cosmetic and personal care products and ingredients are manufactured under specified conditions of hygiene, and with proper documentation for all ingredients, processes, distribution and packaging.

CBD & CBG OILS



PRODUCTS

At Biossyd, we are proud to offer a wide range of **CBD Cosmetics** and wellness solutions for customers around the world. With full vertical integration and a commitment to innovative cannabinoid science, we are able to control the process of producing highest-quality natural cosmetics every step of the way.

When applied topically to the skin, our CBD Cosmetics stimulate activity in the body's Endocannabinoid system alongside reduction of free radical's existence, which encourages the skin's own autoimmune response, encouraging repair and rejuvenation.

CBD LIP BALM 60MG



Ingredients:

Cera alba (Bees wax), Cannabis Sativa Seed Oil, Cocos Nucifera (Coconut) Oil, Theobroma Cacao (Cocoa) Seed Butter, Cannabis Sativa L. (CBD), Ricinus communis (Castor) Oil, Simmondsia chinensis (Jojoba) Seed Oil, Hippophae rhamnoides (Sea Buckthorn) fruit oil, Litsea cubeba Fruit Oil, Tocopherol (Vitamin E).

CBD FACE SERUM 300MG



Ingredients:

Squalane, Prunus Amygdalus Dulcis (Sweet Almond) Oil, Cannabis Sativa L. (CBD), Boswellia Carterii Oil, Pelargonium Graveolens Flower Oil, Tocopherol (Vitamin E).

CBD SALVE 900MG



Ingredients:

Cocos nucifera (Coconut) oil, Cannabis sativa oil, Cera alba (Bees wax), Cannabis sativa L. (CBD), Simmondsia chinensis (Jojoba) seed oil, Hippophae rhamnoides (Sea Buckthorn) fruit oil, Pelargonium graveolens flower oil, Citrus grandis (Grapefruit) peel oil, Tocopherol (Vitamin E).

CBD BODY OIL 300MG



Ingredients:

Prunus Amygdalus Dulcis (Sweet Almond) Oil, Carthamus Tinctorius (Safflower) Seed Oil, Simmondsia Chinensis (Jojoba) Seed Oil, Cannabis Sativa L. (CBD), Lavandula Angustifolia (Lavender) Flower Oil, Pelargonium Graveolens Leaf Oil, Boswellia Carteri (Frankincense) Oil, Tocopherol (Vitamin E).

PRODUCTS

At Biossyd, we are proud to offer unique **CBD Edibles**: All-natural Berry Stripes and CBD Chocolate. Both products combine only necessary natural ingredient and no artificial flavors.

65% Dark Chocolate with CBD (30mg CBD per piece)

Industrial Hemp and its derivatives have been used as a safe natural remedy since time immemorial. In particular, Cannabidiol (CBD) due to its anti-inflammatory and anti-oxidant properties. By blending our highest quality CBD with extraordinary chocolate, we combine the pleasurable sensation of cacao's serotonin and theobromine with the stress relief of CBD. Both ingredients contain Cannabinoids which complement the natural body production to create the "bliss" chemicals in the brain. Infusing chocolate with CBD not only tastes great, but it allows the CBD to be very palatable and easily absorbed.

Ingredients:

Specialty cacao, cane sugar, pure cacao butter, Cannabis Sativa L. (30mg CBD per pieces).
May contain traces of milk, wheat, treenuts or peanuts. Cacao min. 65%.



All-natural Berry Stripes with CBD

Our Berry Stripes with CBD feature our hemp extract and natural berries to support you, day and night. With naturally occurring vitamins, minerals, antioxidants and further beneficial compounds, we chose four different berries for our formulation: Blackberry, Raspberry, Blackcurrant and Rowan. Our plant-powered CBD Berry Stripes are 100% natural made from natural berries without any artificial additives and preservatives, delivering 100% natural botanical goodness for your taste. One package includes approx. 30 Berry Stripes with a total of 100mg CBD.

Ingredients:

Blackberry, Cannabis Sativa L. (100 mg CBD), honey, apple puree.
Blackberry min. 78%.

Ingredients:

Raspberry, Cannabis Sativa L. (100 mg CBD), honey, apple puree.
Raspberry min. 81%.

Ingredients:

Blackcurrant, Cannabis Sativa L. (100 mg CBD), honey, apple puree.
Blackcurrant min. 58%.

Ingredients:

Rowan, Cannabis Sativa L. (100 mg CBD), honey, apple puree.
Rowan min. 58%.



PRODUCTS

As a dietary supplement or food, **Hemp Seeds & Hemp Seed Oil** provide a hearty helping of simple proteins, a perfect balance of essential acids, and a blend of rich minerals and antioxidants.

Protein Powerhouse - Hemp seeds are valued for being a complete protein, containing all 21 amino acids, including all 9 essential amino acids. It's important to consume essential amino acids through food because our bodies cannot produce them naturally. A single serving of hemp seeds contains 11 grams of protein. Between 1/4 and 1/3 of hemp seed by weight is pure protein, and hemp seed protein is distinctive for being amazingly easy to digest.

Perfect Balance of Essential Fatty Acids - Hemp seeds contain an ideal balance of Omega-6 and Omega-3 essential fatty acids, in a proportion of 3:1. These fatty acids cannot be synthesized by the body but are required to support a wide range of cellular processes in the body, including the proper function of the heart and brain. Hemp seed is an even more potent source of omega-3 and omega-6 fatty acids than flaxseed, which is renowned as a health food staple.

Tons of Nutrients - Hemp seeds are also an excellent source of vitamin E, zinc, iron, and magnesium. Vitamin E and zinc are potent antioxidants that protect cells against the damaging effect of free radicals. Iron helps deliver oxygen-rich red blood cells throughout the body and magnesium plays a role in hundreds of chemical reactions in the body.



Hemp Seed Oil has been dubbed, "Nature's most perfectly balanced oil" due to the fact that it contains the perfectly balanced 3:1 ratio of both the required essential fatty acids (EFAs) for long term human consumption. Omega 6 -Linoleic Acid (LA): Omega 3 - Linolenic Acid (LNA). Hemp seed oil is also an excellent source of the LA derivative super-polyunsaturated Gamma Linolenic Acid (GLA) at 2.5-3% of volume.

Hemp seed oil also provides an adequate supply of antioxidants (Vitamin E), carotene (precursor to Vitamin A), phytosterols, phospholipids and a number of minerals including calcium, magnesium, sulfur, potassium, phosphorus, along with modest amounts of iron and zinc. Hemp seed oil also provides a good source of chlorophyll. The daily recommended allowance of hemp seed oil is 14-28 ml (1 to 2 tablespoons). This allowance provides between 8 and 16 grams of Omega 6 (LA) and between 3 and 6 grams of Omega 3 (LNA). And lastly, unlike other Omega-rich alternatives (flax, evening primrose, borage or fish oils) that are sold mainly as a vitamin supplement, hemp seed, hemp oil and hulled hemp seed all have a flavorful "nutty" taste that will create consumer demand and can easily be added into most any recipe to obtain a balanced diet.

QUALITY CONTROL



TRANSPARENCY, TRACEABILITY & CONSISTENCY

Our mission is to provide the highest quality products and research results to our customers worldwide. Therefore, we test every product continuously throughout our cultivation, production and refinement process.

Our quality control begins with the seeds, which we test to ensure that we grow only the finest, most stable EU-certified genetics. After seed testing, we repeatedly test the plants in the field to ensure they are developing high levels of necessary compounds and are free of all contaminants, such as heavy metals or pesticides. After harvesting, we test again to confirm the potency of different active compounds and further to ensure that the material is contaminant-free. After different extraction processes, we repeatedly test the resultant extract before winterizing it, distilling and isolating different active compounds. The distillate for example is then formulated into products such as our tinctures and topicals. These formulations are then tested once again to verify accurate formulation and adherence to our product specifications. All of our products are tested a minimum of six times before they reach our customers. This degree of testing ensures the finest possible quality of all our final products. In order to verify our own rigorous internal testing, we also test at a 3rd party laboratory.

COMPLIANCE/ CERTIFICATION



As a **fully vertically integrated company**, we guarantee the highest quality Industrial Hemp derived products and ingredients to our customers worldwide. It all starts with a selection of EU certified genetics and cultivating standards. **GLOBALG.A.P. (Global Good Agricultural Practices)** is the internationally recognized standard for farm production. The main goal is safe and sustainable agricultural production to benefit farmers, retailers and consumers throughout the world.

GLOBALG.A.P. Certification covers:

- Food safety and traceability
- Environment (including biodiversity)
- Workers' health, safety and welfare
- and includes:
 - Integrated Crop Management (ICM)
 - Integrated Pest Control (IPC)
 - Quality Management System (QMS)
 - Hazard Analysis and Critical Control Points (HACCP).

The GLOBALG.A.P. standard demands, among other things, greater efficiency in production. It improves business performance and reduces the waste of vital resources. It also requires a general approach to farming that builds in best practices for generations to come. Biossyd strictly complies with GLOBALG.A.P. standard.

COMPLIANCE/ CERTIFICATION



We are registered as a **Food Business Operator** and are approved by the State Food and Veterinary Service in Lithuania. The issued permit covers the production and refinement of botanic plants, fruit extracts and oils mixtures, as well as production of oils and fats. In addition, it grants Biossyd to perform commercial activities for packed and loose food products.

In 2020 we also implemented a Food Safety Management System according to the requirements of **ISO 2200:2018**. Upon acknowledgement of compliance of our Management System with the requirements of the ISO 22000:2018 standard the company was successfully certified. Biossyd strictly complies with food-grade manufacturing practices and requirements, guaranteeing that all finished products and ingredients are produced in a manner consistent with food products.

Good Manufacturing Practices (GMP) ensure that cosmetic and personal care products are manufactured with approved ingredients, under specified conditions of hygiene, and with proper documentation for all ingredients, processes, distribution and packaging. A traceable and transparent set of GMP is a legal requirement under European Regulation EC 1223/2009 for any manufacturer of cosmetic products willing to sell and distribute them onto the European Market. It is set to ensure harmonization with consumer health and safety requirements inside the EU, in connection with ISO 22716:2007, lays out a number of guidelines all manufactures must adhere to. An audit at our production facility and diligent inspection concluded that we are supporting a GMP system. Therefore, all our manufactured cosmetic products and ingredients with CBD are in accordance with GMP regulations.



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