



ORGANIC CBD HEMP DROPS RAW & NATURAL

BioBloom has developed a **special cultivation method** for the hemp plants. Through continuous monitoring of the plant growth and careful harvesting and processing of the hemp flowers exclusively by hand, all the valuable and health-promoting essential ingredients are preserved. The extraction is carried out by the **certified** NateCo2 laboratory, which specializes in **particularly gentle CO2 extraction**.

Due to the **optimal ratio** of **CBD** (cannabidiol) to **CBDA** (cannabidiolic acid), the **BioBloom CBD hemp drops** are **particularly bioavailable**, meaning CBD is absorbed more quickly and efficiently by the body's endocannabinoid system and can thus develop its full effect.

Furthermore, **other ingredients of the hemp plant** such as **terpenes and flavonoids** combine with **CBD** to provide a demonstrably **improved effect**. The cannabis research speaks here of the so-called **Entourage effect**: The cannabinoids do not display full effect as isolated pure substances, but function best in synergy with the other ingredients of the hemp plant.

The **CBD hemp drops from BioBloom** were among the winners in a test comparison of 46 European CBD products by NGO ARGE CANNA and bear the **ARGE CANNA seal of quality**.



The research results of DDr. Gerhard Nahler from the International Institute for Cannabinoids on the BioBloom hemp oil, CBD and CBDA can be found here: blog.biobloom.at/wp-content/uploads/2018/04/Nahler_CBDA_ergebnisse.pdf

The BioBloom CBD hemp drops RAW & NATURAL are available in CBD/CBDA concentrations of 4%, 6% and 8%, in 10ml and 30ml.





ENDOCANNABINOID SYSTEM (ECS)

In 1992, scientists discovered that humans have an **endogenous cannabinoid system** known as the endocannabinoid system (ECS). The ECS is **part of the human nervous system** and consists of two primary cell receptors, the CB1 receptor and the CB2 receptor. These receptors are responsible for the secretion and transport of vital neurotransmitters.

CB1 receptors are present throughout the human body, but are primarily found in the brain and spinal cord. They are responsible for regulating among other things appetite, memory, emotional processing and pain reduction.

CB2 receptors are typically concentrated in immune cells and the peripheral nervous system and are responsible for anti-inflammatory immune responses in certain diseases.

Cannabinoids such as **cannabidiol (CBD)** or **cannabidiolic acid (CBDA)**, which are contained in high concentrations in **BioBloom CBD hemp drops**, can **positively stimulate these receptors** and help them to send stronger signals (neurotransmitters). If there is a lack of these neurotransmitters in the nervous system, it can lead to illnesses.

Essentially, the **endocannabinoid system regulates** all the basic functions and patterns that our body has to perform, including:

