

Primal Organix is at the vanguard of natural based medicine and healing. Our all natural Terpene based products are 100% free of Genetically Modified organism's, no Petroleum based compounds, no emulsified wax, no preservatives, no additive or colors. Every ingredient is an active ingredient and is 100% natural plant derived.

We are dedicated to providing 100% natural based medicine to enhance and save people lives.

Our Terpene based products are designed to interact with the body's endocannabinoid system bringing balance to the Central Nervous System, placing the body in a position to heal itself.

## Sublingle drops

Simply put the required drops under the tongue and leave for 30 seconds. This may assist with the targeted ailment within seconds. Take for a minimum of 14 days, for best results take for 28 days. Continue to use as required.

## Terpene Therapy

Terpenes are a class of Phytochemicals and are often responsible for the aroma and flavour of plants. Terpenes are major constituents of plant resin and essential oils extracted from many common plants. Terpenes are what make essential oils so beneficial.

BCP, is found in many plants, Black pepper, Clove, Hops and Copaiba Oil are just a few that are a good source.

BCP is also found in Hemp.

Beta Caryophyllene selectively binds to the CB2 and is also a functional CB2 agonist. BCP is a common ingredient in many essential oils and is a major part of Cannabis. BCP does not bind to the CB1 receptor so it is non-psychoactive. Because BCP interacts with the Endocannabinoid system it is considered Cannabinetic, which means it works like cannabis medicine, in particular, CBD. It can also be considered a Cannabinoid itself because of the way it works with the Endocannabinoid system.

As discussed, because of BCP's affinity for the CB2 Receptor and its interaction with the endocannabinoid system, it can bring much needed relief in the same way that CBD does. Many studies have taken place on BCP, in one study in particular BCP was highly effective for anxiety, depression and mood balance.

Further studies show the B-Caryophellene is also very effective on inflammation and nerve pain.

## Endocannabinoid System

The Endocannabinoid system (ECS) refers to a collection of cell receptors and corresponding molecules. Receptors can be seen as locks, the keys to these locks can be found in chemical molecules called Agonists or Ligands. The agonists bind to cells, relaying messages and giving the cell a specific direction.

The cell receptors found in the ECS respond to certain types of agonists. An agonist is a substance that initiates a physiological response when combined with a receptor.

The two main Endocannabinoid molecules are 2AG and Anandamide. There are two Primary Receptors in the ECS, CB1 receptor and the CB2 Receptor. Anandamide has a strong affinity for the CB1 Receptor and a much weaker affinity for the CB2. Where 2AG has a stronger affinity for the CB2 Receptor. Endocannabinoids are the body's endogenous cannabinoids. Anandamide is considered the bliss molecule. It's released when we feel good and happy, eating chocolate also releases anandamide.

Cannabinoid receptors are found all through the body giving rise to a variety of functions. CB1 receptors are mainly found in the Central Nervous System, CB2 receptors are found in the GI Tract, immune cells and Peripheral Nervous System.

The Endocannabinoid System helps to control many of the body's day to day functions. Endocannabinoids help to maintain Homeostasis or balance in the body. A disrupted ECS leads to CNS in-balance and can also disrupt messages from the brain. When the brain can't communicate with the Central Nervous System it can't tell the immune system what to do causing a long list of issues. When the body can't produce enough endocannabinoids it then can't regulate the functions mentioned above. This is called Clinical Endocannabinoid Deficiency.