



WHAT IS CBD AND WHY?

CBD Oils is a prominent, non-psychoactive cannabinoid found in hemp. It is generally extracted from hemp plants that are naturally high in CBD Oils. There are over 80 different cannabinoids found in hemp. It is commonly used for its therapeutic properties. Hemp Extract has been found to have a positive impact on key body functions including; neurological, physical, and psychological. Our high-quality CBD oil is for people looking to get the highest CBD intake and relieve their pain and other Chronic relief. Our CBD oil components are all-natural and follow to the highest GMP production standard.

OUR CBD PRODUCTS CONTAIN 0% THC!

THE SCIENTIFIC FUNCTIONS BEHIND CBD OIL

Your body's natural endocannabinoid system (ECS) regulates everything from relaxation to eating, sleeping, inflammation even cognitive function. In a nutshell, the ECS is responsible for making sure the entire body is working optimally. CBD Oil has been medically proven to positively regulate your ECS addressing issues such as:

- Relieves anxiety and daily stress
- Reduces moderate to severe pain
- Boosts cognitive function
- Promotes healthy sleep
- Healthy inflammatory response and recovery

**SLEEPLESSNESS
INFLAMMATION
PAIN
ANXIETY**



BRAIN
Anti-anxiety
Anti-depressant
Antioxidant
Neuroprotective



EYES
Vasorelaxant for glaucoma



STOMACH
Anti-nausea
Appetite control



HEART
Anti-inflammatory
Anti-Ischemic
(prevents plaque build-up in arteries)



BONES
Stimulating new bone growth
Strengthening bones
Reducing pain



INTESTINES
Anti-prokinetic



THE ENDOCANNABINOID SYSTEM

CBD, CBN and THC fit like a lock and key into existing human receptors. These receptors are part of the endocannabinoid system which impact physiological processes affecting pain modulation, memory, and appetite plus anti-inflammatory effects and other immune system responses. The endocannabinoid system comprises two type of receptors, CB1 and CB2, which serve distinct functions in human health and well-being. Receptors are found on cell surfaces

THC

Tetrahydrocannabinol



CB1

receptors are primarily found in the brain and central nervous system, and to a lesser extent in other tissues.

CBD

Cannabidiol



CBD

suppresses the breakdown of anandamide, a naturally occurring cannabinoid in the body that is responsible for activating the CB1 and CB2 receptors (CBD does not directly 'fit' CB1 or CB2 receptors, but has powerful indirect effects still being studied).

CBN

Cannabidiol



CB2

receptors are mostly in the peripheral organs especially cells associated with the immune system.

CB1

Receptors are concentrated in the brain and the central nervous system but are also present in some nerves and organs.

CB2

Receptors are mostly in peripheral organs, especially cells associated with the immune system.

TRVP1

Receptors are concentrated in the blood, bone, marrow, tongue, kidney, liver, stomach, ovaries.

TRVP2

Receptors are concentrated in the skin, muscle, kidney, stomach and lungs.

GRP18

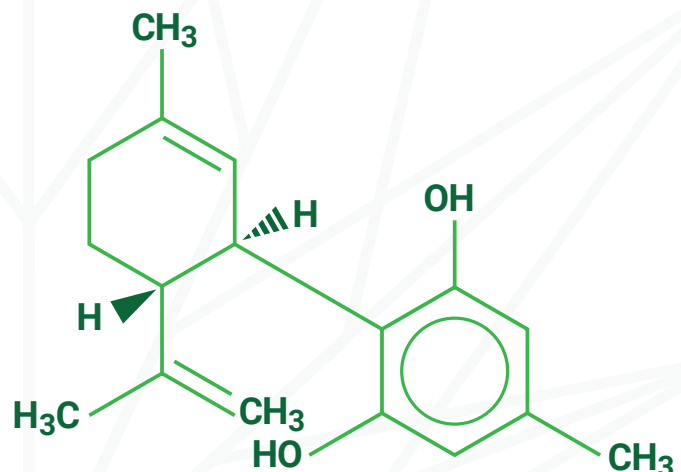
Receptors can be found primarily in bone marrow, the spleen and lymph nodes, and to a lesser extend the testes.

GPR55

Receptors are found in the bones, the brain, particularly the cerebellum, and the jejunum and ileum.

GRP19

Receptors are found predominantly in the pancreas and the intestinal tract, in small amounts.





CHRONIC RELIEF

ACTIONS	THC	CBD
Protects against cancer	✓	✓
Reduces nausea	✓	✓
Pain reliever	✓	✓
Causes drowsiness		✓
Increases appetite	✓	
Relieves spasm	✓	✓
Decreases seizures		✓
Reduces anxiety		✓
Muscle relaxant	✓	✓
Antimicrobial	✓	
Antibacterial		✓
Protects nervous system	✓	✓
Anti-diabetic		✓
Improves blood circulation		✓
Relieves psoriasis		✓
Relieves Crohn's disease	✓	✓
Anti-inflammatory	✓	✓
Bone stimulant		✓
Relieves rheumatoid arthritis		✓
Antioxidant	✓	✓



MEDICAL CANNABIS



INDICA

Higher in cannabinoids

Mediate pain and sedation

Body effect: Feeling 'stoned'

Relaxes via parasympathetic N.S.

Main use: Medical

Conditions treated:

1. Anxiety, panic attacks, daily stress
2. Pain
3. Neuropathy/neuralgia
4. Menstrual cramps/spasms
5. Glaucoma
6. Muscle cramps/spasms
7. Cancer chemo side effects
8. Spastic disorders
9. Asthma
10. AIDS
11. Epilepsy
12. IBS/BER; gastric disorders
13. Arthritis
14. Multiple sclerosis
15. Cerebral palsy
16. Crohn's disease
17. Fibromyalgia
18. ALS
19. Insomnia

REFERENCE (Weblinks)

Clinical Studies and Case Reports

CBD oil for pain: What the research shows

Endocannabinoid system - Wikipedia

How does CBD interact with the ECS?

10 Surprising Facts About Marijuana



SATIVA

Higher in THC

Psychoactive: is activating

Mind effect: Feeling 'high'

Stimulates via sympathetics N.S.

Main uses: Hybridizing medical, creative, social and spiritual

Conditions treated:

1. Mild non-clinical depression
2. Clinical depression (if hybridized with indica and as adjunctive treatment only)
3. Mild social anxiety
4. ADD
5. Fatigue
6. Migraines



HYBRIDS

Adding SATIVA adds mental clarity to Indica strains and decreases sedation effect.

Adding INDICA to Sativa strains can decrease or even eliminate the sativa tendency to stimulate greater anxiety and even paranoia/panic in adolescents and patients with a history with mood disorder or psychosis.

100% INDICA contraindications: depression, narcolepsy, functional 'day-use' etc.

100% SATIVA contraindications: a history of mood disorder, neurosis, psychosis, etc.