

Hemp vs. Marijuana



Cannabis is a species that has two varieties

HEMP	MARIJUANA
<0.3% THC	On average 20% THC
Higher ratio of cannabinoids and terpenes provide greater health benefits	Higher concentrations of THC can cause psychoactive responses

Tetrahydrocannabinoid (THC) is the principal psychoactive in marijuana. The 0.3% THC in hemp is not enough to cause a high, but, this small amount has been shown to accumulate in the system and may generate a positive drug test. Make sure your hemp oil extract provides a certificate of analysis that guarantees 0.0% THC.

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Endocannabinoid System (ECS)

The endocannabinoid system is perhaps the most important physiologic system involved in establishing and maintaining human health. The ECS is comprised of cell surface receptor sites, that when supported appropriately can help the body overcome the most significant of life challenges.

CB 1 Present:

- Brain & Spine
- Vascular System

CB 2 Present:

- Spleen
- Bones
- Skin

CB 1 + 2 Present:

- Immune System
- Liver

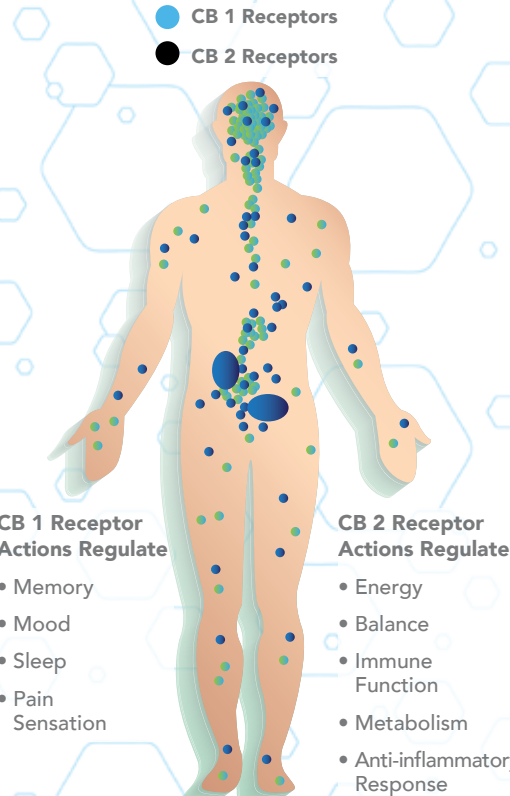
CB 1 Present:

- Gastrointestinal Tract
- Reproductive Organs

CB 1 + 2 Present:

- Bone Marrow
- Pancreas

ECS – Master Regulator of Health



Phytocannabinoids Nature's Solution

The hemp plant makes phytocannabinoids that can help restore balance and homeostasis. Phytocannabinoids work hand-in-hand with other signaling molecules in the hemp plant called terpenes (influence taste and smell) to boost and modulate their individual effects on endocannabinoid receptors.

This is referred to as the **Entourage Effect**

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Entourage Effect

While hemp cannabinoids have taken the early limelight, it is the synergy activated by the terpenes that may steal the show. Each of the terpenes in hemp have their own set of benefits and they also help facilitate and enhance the functions of the cannabinoids. One of the more recent discoveries is the ability of terpenes to help carry cannabinoids across the blood-brain barrier, where the highest concentration of CB1 receptors are located.



HEMP OIL

Why does it make such a big difference?

How to maximize its impact

evolvhealth.com/entourage



Factors That Can Maximize Results

EXTRACTION PROCESS

There are 2 common processes used to extract CBD Oil from the hemp plant.

- 1. SOLVENT** – Most economical but can damage beneficial terpenes and can leave a chemical residue. Used primarily to extract CBD isolates.
- 2. SUPERCRITICAL CO2** – A super clean extraction process that leaves no residue.

EXTRACTION STAGES

CBD ISOLATES – 99.9% pure crystallized cannabinoids with no terpenes or flavonoids.

FULL SPECTRUM HEMP – Contains over 100 naturally occurring compounds including cannabinoids (THC at 0.3%), terpenes and other nutrients.

BROAD SPECTRUM HEMP – Same as full spectrum with 0.0% THC.

Absorption Matters

In order for cannabinoids to work, they have to get into your bloodstream. Hemp cannabinoids are large, fat compatible molecules and are not easily absorbed. Approximate absorption rates for oral intake = 10%, sublingual = 20%.

THE SOLUTION

Scientists recently developed a new process that reduces the size of the cannabinoids from 2200 nanometers down to 25 nanometers and then emulsifies them to create hydrophilic (water compatible) molecules. The result?

- 90% absorption rates (oral/sublingual)
 - Can be consumed in a drink
- Can be blended with other water compatible nutrients (including natural flavorings)



Enhanced Entourage Effect

Getting phytocannabinoids into the bloodstream is objective #1. Maximizing their impact requires terpenes. Due to their fragile nature, most are destroyed in the extraction process.

New research indicates that adding a specific composition of terpenes back into the product created a more efficacious effect than adding more milligrams of hemp oil.

Adding terpenes can multiply the effect of cannabinoids

4 Stages of Hemp Oil

Nano technology provides 600% greater absorption



High Potency Broad Spectrum Super Charged with Acemannan

BEST

Broad Spectrum

GREAT

Full Spectrum

BETTER

CBD Oil (Isolate)

GOOD

Symbiotic Immune Support

There are many hemp oil products that have been formulated with additional ingredients to provide support for specific benefits like improved sleep, mood and joint health.

One of the most profound impacts has come from the addition of immune modulating aloe vera **Acemannan**.

Combining the immune modulating fractions of **Acemannan** with high quality hemp oil provides a symbiotic impact (1 + 1 = 4) that can dramatically enhance overall immune support.



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ENTOURAGE²

In a league of its own!

Patent Pending formula includes:

- Organic hemp oil
- Super critical CO2 extraction
- Broad Spectrum Hemp Oil 0.0% THC
- Absorption increased by 5-7 times (over other hemp products) with water compatible nano technology
- Enhanced **Entourage² Effect** with proprietary terpene blend
- Symbiotic effect with highest rated immune modulating **Acemannan**

Super convenient: Add to liquid drink or under the tongue

