

## 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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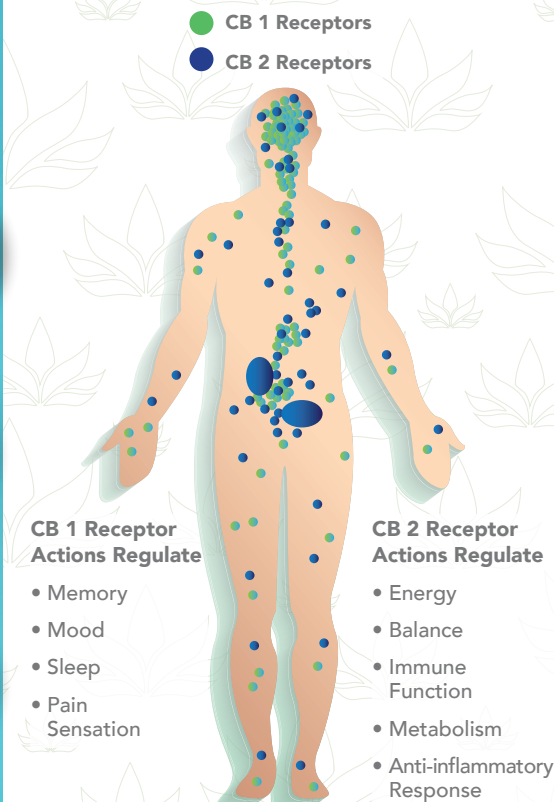
ALOVÉA

## 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.



## ECS – Master Regulator of Health



## Phytocannabinoids

### Nature's Solution

The hemp plant makes phytocannabinoids that can influence CB1 and CB2 receptor sites in order to help restore balance and homeostasis.



*These statements have not been evaluated by the FDA. Alovéa, PBC makes no healing or medical claims regarding its products, which are not intended to diagnose, cure, treat, heal, or prevent any disease, illness, or medical condition. Consult with your physician before beginning this or any other health program.*

## 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 TYPES

**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.



# HEMP OIL

Why does it make such a big difference?



How to maximize its impact

[alovea.com/entourage](http://alovea.com/entourage)





## Entourage Effect

While CBD isolate products grabbed the early lime-light in the market, it is the synergistic impact of full/broad spectrum hemp that will steal the show. New research has shown that the other components in the hemp plant can dramatically influence the effect that cannabinoids have on the body. One published paper indicated that it took 4 times the amount of CBD to achieve the same quality of life impact of broad/full spectrum hemp oil.

*This is referred to as the Entourage Effect!*

## Absorption Matters

In order for cannabinoids to work, they have to get into your bloodstream. Hemp cannabinoids are large, fat soluble molecules and are not easily absorbed. Approximate absorption rates for oral intake = 10%, sublingual = 25%.

### 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

### Hemp Cannabinoids



2200 nanometers



25 nanometers

## Hemp PLUS Aloe



## Synergistic Immune Support

Immunodeficiency (caused by poor nutrition, stress and toxicity) has become the #1 cause of disease, disabilities and death in the world. **Acemannan**, the biologically active molecule in aloe vera, has been shown to be nature's most powerful non-toxic molecule for "rebooting" the immunomodulatory functions of the immune system.

Combining the immune modulating fractions of **Acemannan** with nano-sized, hydrophilic hemp cannabinoids and hemp terpenes provides a synergistic impact (1 + 1 = 4) that can dramatically enhance overall immune support.

Hydrophilic nano technology provides 600% greater absorption



BEST

EVEN BETTER

Broad Spectrum  
Better Efficacy w/ 0.0% THC

BETTER

Full Spectrum  
Better Efficacy w/ 0.3% THC

GOOD

CBD Oil (Isolate)  
Poor Absorption w/ 0.0% THC



Alovéa CEO and President, Sam Caster was chosen to present at the recent CannaMexico 2019 World Summit hosted by former Mexico President Vincent Fox. The international summit focused on showing the global potential of the cannabis industry.

Caster was chosen to give this year's Innovaton presentation for the development of Alovéa's new phytocannabinoid rich hemp oil, Entourage<sup>2</sup>, which was recognized for combining the best new hemp oil processing technology with the well-established science of immune modulating Acemannan, a compound in aloe vera leaves.

*"I believe Entourage<sup>2</sup> represents the most advanced, disruptive and proprietary technology in this explosive new industry, and it is a true honor to be recognized on the global stage for this accomplishment,"* said Caster.



ALOVÉA  
ENTOURAGE<sup>2</sup>

*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 **Entourage<sup>2</sup> Effect** with proprietary terpene blend
- Synergistic effect with highest rated immune modulating **Acemannan**



Helps support mood, memory, sleep and joint health!