

***CBDISTILLERY***

# THE ULTIMATE CBD USER GUIDE

LEADING THE  
**#CBDMOVEMENT™**







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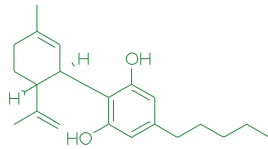
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# INTRODUCTION TO CBD

Industrial hemp plants contain 113+ naturally occurring, active compounds called **cannabinoids**.

**CBD (cannabidiol)** is one of the cannabinoids found in industrial hemp plants.



Unlike tetrahydrocannabinol (THC), a cannabinoid found primarily in marijuana – **CBD (cannabidiol)** does *not* produce any intoxicating or “high” effects, meaning users can experience its benefits without disconcerting feelings of lethargy or dysphoria.

## HOW DOES CBD WORK?

The **Endocannabinoid System (ECS)** is a collection of cell receptors and the corresponding molecules (agonists) in the human body. The ECS is responsible for regulating and maintaining many key functionalities of the human body. When the ECS is in balance, one experiences homeostasis.



**By consuming omega-3 fatty acids, your body has the ability to naturally produce cannabinoids called endocannabinoids.**

Ideally, your Endocannabinoid System would remain in balance. Unfortunately, under the assault of stress, illness or injury, your body may not produce enough endocannabinoids to fulfill communication requirements. The system then becomes unbalanced and communication deteriorates. Some scientists are leaning towards the belief that many diseases and medical conditions are potentially caused by endocannabinoid deficiencies.

**Much like a daily vitamin, CBD, one of the many cannabinoids found in industrial hemp plants, supplements the Endocannabinoid System, which plays a vital role in optimal human performance. Thus, daily supplementation of hemp-derived CBD can increase the long-term functionality of the Endocannabinoid System.**

## OUR CBD IS...



**100% HEMP-DERIVED**



**NON-INTOXICATING**



**NATURALLY SOURCED**



**MADE IN THE USA**

# THE HISTORY & VERSATILITY OF HEMP

As one of the earliest domesticated crops, hemp has been used throughout the ages as a source of food, textiles, and herbal medicine. While ancient Chinese Emperor Shen Nung is credited for teaching his people to cultivate hemp for cloth in the 28th century BC, archaeologists found remnants of hemp cloth in Mesopotamia (now Iran and Iraq) that dated back to 8,000 BC. It is commonly believed that hemp arrived in Europe in 1200 BC and quickly spread throughout the ancient civilizations.

It was the Puritans who first brought hemp seeds to Colonial America. Hemp was used to create the sails, ropes, and caulk used on British sailing vessels. Due to the high demand for hemp, British colonies were required to grow hemp crops to create products intended for British consumption.

Early American Presidents Washington and Jefferson were both known to have grown hemp on their land. In Colonial America, hemp was still a required crop, and at least three

colonies used hemp as a form of legal tender. Anyone who did not grow hemp on their land was fined.

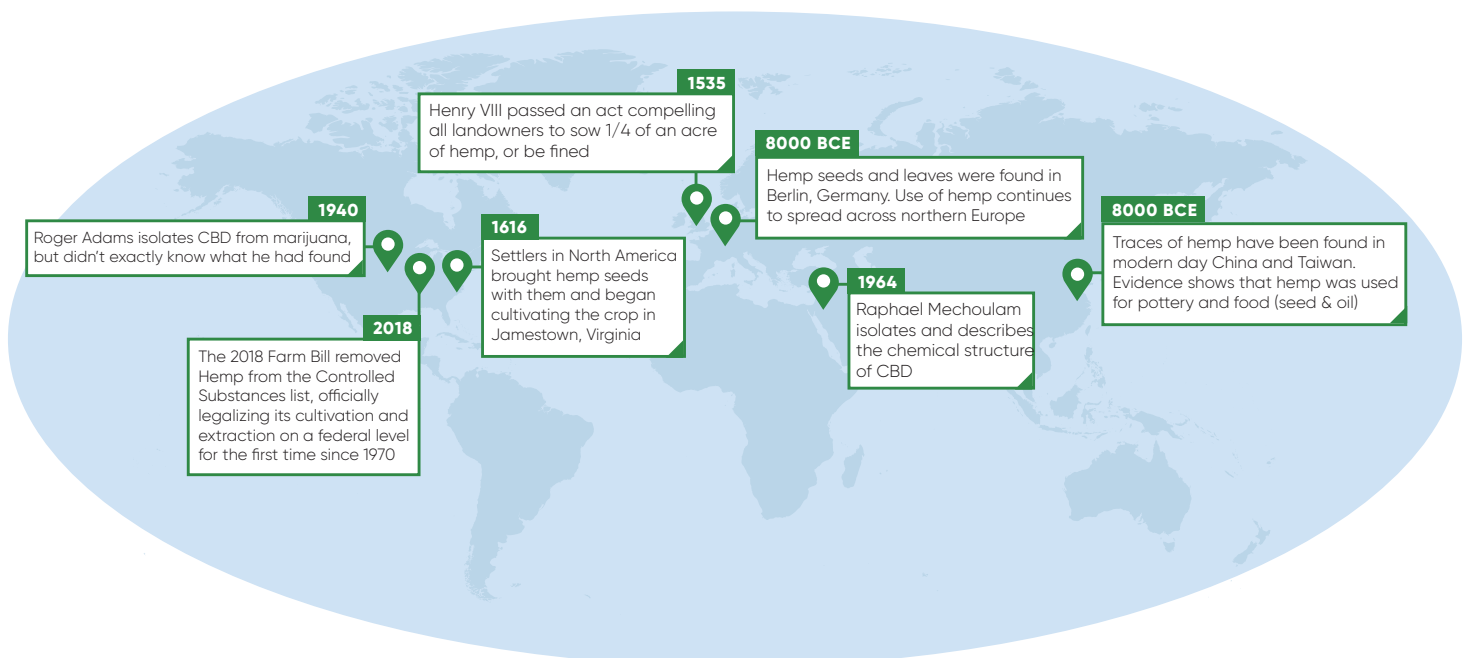
Hemp was so widely used in the U.S., some historians believe competing industries that considered hemp a threat to their livelihood (paper, pesticides, and oil) began a campaign to directly associate industrial hemp with its cannabis cousin, marijuana.

When the Marijuana Tax Act was signed to law in 1937 to minimize marijuana use, the government also imposed heavy licensing restrictions and hefty taxes on hemp farmers, raising the cost of cultivating industrial hemp. The resulting financial burdens made hemp farming significantly less profitable. At this time hemp and marijuana were still recognized as individual plants with significantly different properties. That changed with the Controlled Substance Act of 1970, which specified cannabis, rather than marijuana, as a Schedule I drug. With the reclassification, hemp

could no longer be grown in the U.S. without a permit from the U.S. Drug Enforcement Agency (DEA). Since that time, industries relying on industrial hemp were forced to use imported hemp.

While hemp has been grown in a significant number of states for research and pilot programs since the implementation of the 2014 Farm Bill, it was the signing of the 2018 Farm Bill that legalized the cultivation of hemp crops in all 50 states. As the production of domestic hemp increases, product manufacturers will no longer have to rely on imported crops, potentially providing substantial economic benefit for our country.

Hemp is still used in many industries. Today, we better understand what our ancestors discovered long ago. We know why hemp fibers are strong, we recognize the specific nutrients in hemp seeds, and we have identified the elements that give hemp oil the potential to influence our health.





## HOW IT'S MADE: FULL SPECTRUM CBD

1



### HEMP SEEDS ARE PLANTED

Our U.S.-grown industrial hemp is cultivated outdoors in a mild climate, using non-GMO natural farming practices.

2



### PLANTS ARE HARVESTED AND REAPED

Our industrial hemp is grown to be high in CBD and other minor cannabinoids while having less than 0.3% THC. Once harvested, the plants are lifted from the ground where the aerial plant parts are taken to an extraction facility.

3



### SUPERCRITICAL CO<sub>2</sub> EXTRACTION

CO<sub>2</sub> extraction involves passing CO<sub>2</sub> through a series of columns and chambers filled with industrial hemp biomass. Pressure and temperature are adjusted to preserve the oil quality by retaining only the beneficial components of the plant, this system is able to extract the CBD molecule from the plant at 90% efficiency.

4



CBD-A  
→ CBD

### WINTERIZATION / DECARBOXYLATION

Winterization involves cooling the oil at extremely cold temperatures, causing the natural fats and waxes to separate from the oil. These are removed to ease the formulation process and improve oil quality further. Decarboxylation also converts the inactive CBD-A molecule to activated CBD by heating the oil to high temperatures.

5



### FULL SPECTRUM CBD OIL

After undergoing CO<sub>2</sub> extraction and decarboxylation, the end result is Full Spectrum CBD oil. "Full Spectrum" refers to the presence of other naturally occurring hemp cannabinoids and terpenes in addition to CBD.

6



### END RESULT: FULL SPECTRUM CBD PRODUCTS

CBDistillery™ carries a full line of Full Spectrum CBD Oil products containing less than 0.3% THC including tinctures, softgels, topical creams, and capsules.

## HOW IT'S MADE: CBD ISOLATE

1



### HEMP SEEDS ARE PLANTED

Our U.S.-grown industrial hemp is cultivated outdoors in a mild climate, using non-GMO natural farming practices.

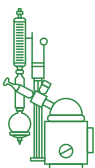
2



### PLANTS ARE HARVESTED AND REAPED

Our industrial hemp is grown to be high in CBD and other minor cannabinoids while having less than 0.3% THC. Once harvested, the plants are lifted from the ground where the aerial plant parts are taken to an extraction facility.

3



### ORGANIC ETHANOL EXTRACTION

Ethanol extraction involves introducing high-grade ethanol to the hemp biomass in order to extract the essential components, including CBD. Ethanol extraction is known to be incredibly effective and efficient.

4



CBD-A  
► CBD

### WINTERIZATION / DECARBOXYLATION

Winterization involves cooling the oil at extremely cold temperatures, causing the natural fats and waxes to separate from the oil. These are removed to ease the formulation process and improve oil quality further. Decarboxylation also converts the inactive CBD-A molecule to activated CBD by heating the oil to high temperatures.

5



### DISTILLATION AND ISOLATION

Distillation is the process of refining the already-extracted industrial hemp material by separating it into three fractions: cannabinoids, terpenes and flavinoids, and unwanted materials such as chlorophyll.

Isolation is the final step in creating a CBD Isolate which involves separating CBD from all of the other cannabinoids.

6

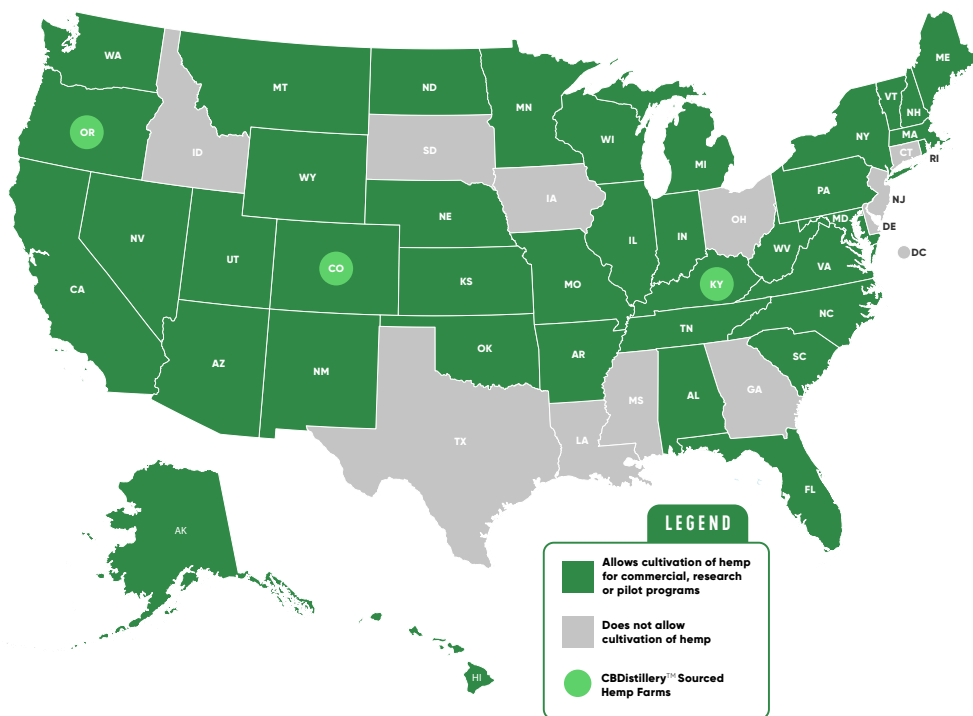


### END RESULT: ISOLATE CBD PRODUCTS

CBDistillery™ carries dozens of 99% pure CBD Isolate products including powder, as well as products that are formulated with isolate, such as tinctures and softgels.



## WHERE IS HEMP GROWN & IS IT ORGANIC?



## CAN CBD PRODUCTS BE USDA CERTIFIED ORGANIC?

### Meeting the Standard

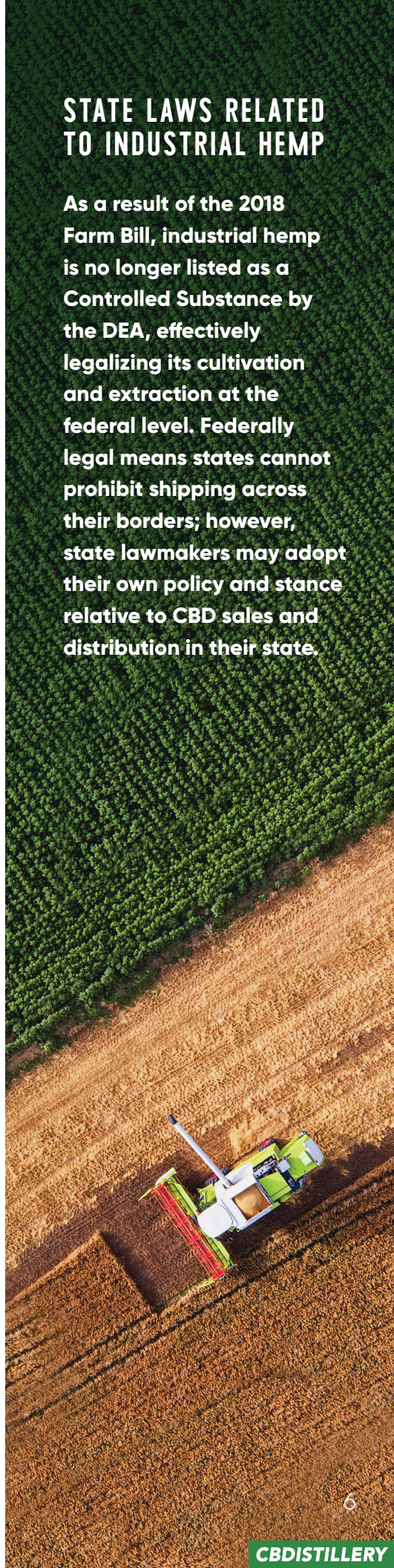
The term "organic" is owned by our government. Any product labeled as "USDA Certified Organic" must undergo official certification by the U.S. Department of Agriculture (USDA). It can take many years and thousands of dollars to complete the certification process.

### CBD Does NOT Qualify to Be Certified as a USDA Certified Organic Product

Even if organic hemp, domestic or imported, was to be used to extract CBD and all of the carrier oils and flavors derived from certified organic sources, CBD products cannot be certified as a USDA Certified Organic product. That's because any certifiable products need to fall within the jurisdiction of the FDA. Since CBD products are not FDA regulated, the products cannot be labeled organic.

## STATE LAWS RELATED TO INDUSTRIAL HEMP

As a result of the 2018 Farm Bill, industrial hemp is no longer listed as a Controlled Substance by the DEA, effectively legalizing its cultivation and extraction at the federal level. Federally legal means states cannot prohibit shipping across their borders; however, state lawmakers may adopt their own policy and stance relative to CBD sales and distribution in their state.



# HEMP VS. MARIJUANA: WHAT'S THE DIFFERENCE?

Hemp and marijuana are terms often used interchangeably to describe any cannabis plant or its derivatives. Here's an easy way to differentiate between the two:

**HEMP IS CANNABIS.**  
**MARIJUANA IS CANNABIS.**  
**HEMP IS NOT MARIJUANA.**

**HEMP = HIGH CBD | <0.3% THC**

**MARIJUANA = HIGH THC**

While they have many different chemical properties, according to the federal government, industrial hemp includes the plant *Cannabis Sativa L.* and any part or derivative with a tetrahydrocannabinol (THC) concentration of no more than 0.3 percent on a dry weight basis.

So 0.3% is the 'magic number' laid out in Sec. 7606 of the Farm Bill. All CBD products manufactured by CBDistillery™ are derived from crops grown in accordance with Sec. 7606.

**< 0.3% THC = HEMP FOR CBD**

CANNABIDIOL (CBD)	TETRAHYDRO-CANNABINOL (THC)
<ul style="list-style-type: none"><li>• Primarily derived from hemp</li><li>• Non-intoxicating (produces NO "high" effects)</li><li>• Used in a variety of health and wellness products</li></ul>	<ul style="list-style-type: none"><li>• Primarily derived from marijuana</li><li>• Intoxicating (produces "high" effects and side effects)</li><li>• Commonly found in recreational and medical marijuana products</li></ul>

**ENDOCANNABINOID  
SUPPORT WITHOUT THE  
RISK OF SIDE EFFECTS**



**CBD =  
NON-  
INTOXICATING**

Trace amounts of THC are not enough to cause any intoxication, even if large amounts are ingested. CBD from hemp provides the same level of endocannabinoid system support without the high or the risk of marijuana's potential side effects.

## HEMP FACTS:

**Hemp plants are considered the oldest domesticated crops in our history. Some cannabis plants were selectively bred for religious and medical purposes.**

**Marijuana (THC) was federally legal until 1970, when the Controlled Substance Act was implemented.**



# THE ENDOCANNABINOID SYSTEM

Now that you understand the differences between hemp and marijuana, you may want to learn a bit more about why so many people are using CBD. The potential health and wellness benefits of CBD are due to the way this cannabinoid interacts with your endocannabinoid system. Your endocannabinoid system is the network of receptors and messengers that regulate the many vital processes in your body.

The messengers manufactured by your body are made as needed

and broken down quickly by enzymes. When your body cannot produce a sufficient quantity of messengers (neurotransmitters) on its own, the communication system can fail.

Ideally, your endocannabinoid system would remain in balance. Unfortunately, under the assault of stress, illness or injury, your body may not produce enough endocannabinoids to fulfill communication requirements. The system becomes unbalanced, and communication deteriorates.

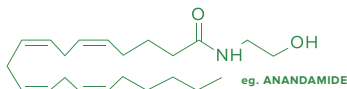
Keeping the endocannabinoid system balanced is so crucial to your health and well-being that many researchers today believe endocannabinoid deficiencies are to blame for many common health concerns. CBD works by mimicking the messengers and influencing the receptors of the endocannabinoid system. By supporting the functions of this regulatory system, CBD has the potential to provide numerous health and wellness benefits.



## MOLECULES

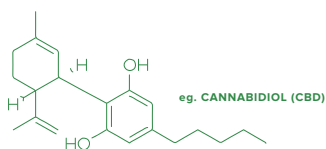
### ENDOCANNABINOIDS

- Manufactured internally by the human body from foods like fatty acids.

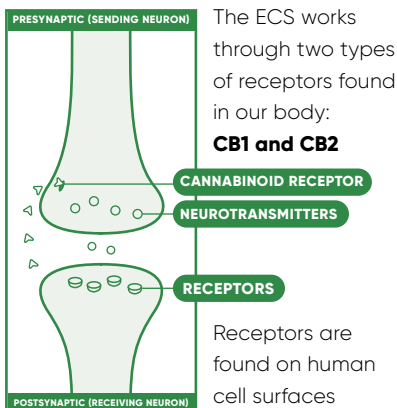


### PLANT CANNABINOIDS

- Naturally occurring in hemp & cannabis plants.
- 113+ active cannabinoids found in hemp.



## CANNABINOID RECEPTORS



## RECEPTORS:

### CB1

- Central Nervous System

### CB2

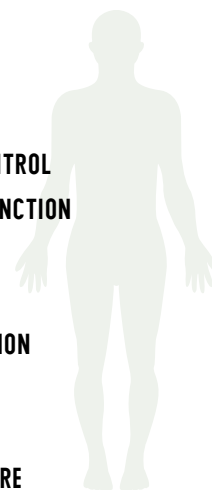
- Immune Cells
- Gastrointestinal Tract
- Peripheral Nervous System



## ENDOCANNABINOID SYSTEM

Phytocannabinoids, or plant cannabinoids, bind with cannabinoid receptors and send a message to the body to do certain things. This can help regulate:

- SLEEP
- APPETITE
- MOOD
- MOTOR CONTROL
- IMMUNE FUNCTION
- PLEASURE
- PAIN
- REPRODUCTION
- FERTILITY
- MEMORY
- TEMPERATURE



# WHAT ARE THE SIDE EFFECTS OF CBD?



**Multiple studies, published as early as 1980, suggest that CBD has minimal side effects and is overall safe for consumption. Nonetheless, consumers should be made aware of any known potential drawbacks when consuming a health supplement product.**

**Below, we discuss findings from each recorded study and review the safety and known side effects of CBD.**

## 1980: STUDY IN PHARMACOLOGY

On January 3, 1980, *Pharmacology* published their findings from a study in which eight healthy volunteers and 15 patients with epilepsy consumed CBD daily for one month to assess its potential side effects. Their reported conclusions were:

"All patients and volunteers tolerated CBD very well and no signs of toxicity or serious side effects were detected on examination."

## 1986: INTERNATIONAL JOURNAL OF NEUROSCIENCE

In 1986, oral doses of cannabidiol ranging from 100mg to 600mg per day were given to five patients with dystonic movement disorders. In addition to recording specific benefits, this study also uncovered mild side effects of CBD such as hypotension, dry mouth, psychomotor slowing, lightheadedness, and sedation.

It is also noteworthy that during this study, two patients who were given CBD in doses over 300mg per day seemed to have aggravated Parkinson's symptoms. However, a 2014 study conducted by the *Journal of Psychopharmacology* concluded that CBD significantly improves the quality of life of those with Parkinson's disease.

## 2006: EXPERIMENTAL BIOLOGY AND MEDICINE

In 2006, a group of Argentinian scientists hypothesized that there are cannabinoid receptors in human salivary glands. In fact, their hypothesis was correct, which confirmed a previous study which concluded that CBD users may experience the side effect commonly

referred to as "cotton mouth." They found that when CBD interacts with the endocannabinoid system, it inhibits the secretion of saliva, thus leaving some users with a dry sensation in their mouth.

## 2011: SAFETY AND SIDE EFFECTS OF CANNABIDIOL

Most recently, in 2011, a review on the safety and side effects of cannabidiol found that CBD might affect the hepatic drug metabolism, alteration of in vitro cell viability, decreased fertilization capacity or the reduced activity of p-glycoprotein.

Have you ever been told by a doctor or pharmacist not to drink or eat grapefruit while taking a prescription medication? In fact, grapefruit and CBD have a similar effect on P450, an enzyme found in the liver, which metabolizes different kinds of medications in the human body. If taken in large doses, CBD can inhibit the metabolizing properties of P450, temporarily neutralizing the effects of other medicinal products in the body's system. This side effect is also why CBD counteracts some effects of THC.



# WHAT IS THE RECOMMENDED DOSAGE FOR CBD PRODUCTS?

## UNDERSTANDING HOW MUCH CBD IS IN YOUR PRODUCT

Dosage information for all CBDistillery™ products is provided below. Please note individual results may vary and dosage may depend on a multitude of factors. It is recommended that you start with 5-10mg of CBD, wait 3-4 hours, and increase as necessary in order to achieve desired effects. The recommended dosage of CBD is 30-60mg daily.

While we cannot provide efficacy information in relation to specific CBD dosages, we can show how much cannabidiol our products contain per serving or as total amounts. For individual recommendations on CBD dosages, check with your physician or healthcare provider.

### CBD OIL TINCTURES

Product	Total Bottle Volume	One Full Dropper (approx. 1 ml)	One Drop
4mg CBD Per Serving Tincture	30ml (1 fl oz.)	4mg	0.1mg
8mg CBD Per Serving Tincture	30ml (1 fl oz.)	8mg	0.2mg
17mg CBD Per Serving Tincture	30ml (1 fl oz.)	17mg	0.4mg
33mg CBD Per Serving Tincture	30ml (1 fl oz.)	33mg	0.8mg
83mg CBD Per Serving Tincture	30ml (1 fl oz.)	83mg	2.0mg
167mg CBD Per Serving Tincture	30ml (1 fl oz.)	167mg	4.0mg



**Cannabidiol (CBD) is known to be non-intoxicating. The aforementioned 2011 Safety and Side Effects of Cannabidiol indicated that chronic use and doses of up to 1,500mg per day of CBD are reportedly well-tolerated in humans. The Department of Health and Human Services found:**

### CBD SOFTGELS

Product	Daily Supply	mg Per Bottle	mg Per Unit (1 Softgel/Capsule)
30mg Full-Spectrum Softgels (30 ct.)	30 Days	900mg	30mg
30mg Full-Spectrum Softgels (60 ct.)	60 Days	1800mg	30mg
30mg CBD Isolate Softgels (30 ct.)	30 Days	900mg	30mg
30mg CBD Isolate Softgels (60 ct.)	60 Days	1800mg	30mg

### CBD VAPES\*

Product	Approx. mg Per Puff
200mg Disposable Vape Pen	2mg
200mg Vape Cartridge	2mg

**\*CBD has greater bioavailability when vaped, thus a smaller dosage is needed to achieve desired effects.**

No signs of toxicity or serious side effects have been observed following chronic administration of cannabidiol to healthy volunteers<sup>1</sup>, even in large acute doses of 700mg per day<sup>2</sup>.

### CBD ISOLATES

Product	0.5 grams	1 gram	3.5 grams	7 grams	14 grams
99% Pure CBD Isolate Powder	500mg	1000mg	3500mg	7000mg	14000mg
99% CBD Delicious Formulation Powder	500mg	1000mg	3500mg	7000mg	14000mg

<sup>1</sup>Cunha et al., Pharmacology 21:127-185, 1980

<sup>2</sup>Consroe et al., Pharmacol, Biochem, Behav. 40:701-708, 1991)



# DOES CBD AFFECT EVERYONE THE SAME?



## GENETICS

About 20% of the population has good endocannabinoid genetics. These people were born with a genetic mutation that increases the level of endocannabinoids and levels of anandamide (the so-called 'bliss molecule') naturally occurring in their system. As a whole, the endocannabinoid system is partially responsible for regulating sleep, appetite, mood, motor control, immune function, pleasure, pain, reproduction and fertility, memory and body temperature.

When someone consumes cannabis or hemp-derived products, cannabinoids such as THC and CBD replace the naturally occurring endocannabinoids in your body. Thus, if you are among the few that have this genetic mutation, you are less prone to feel the effects of CBD, as your body already naturally produces a similar result.



## MEN VS WOMEN

Cannabidiol (CBD) products affect males and females differently. Research shows that estrogen makes women more sensitive to cannabinoids. That time of the month? Washington State University found that women are impacted more by cannabinoids such as THC and CBD a day or two before ovulation because of the peak in estrogen levels.



## UNIQUE BIOCHEMISTRY

Biochemistry, the study of chemical substances and vital processes occurring in living organisms, is yet another explanation as to why people react differently to CBD products. No two individuals have the exact biochemical makeup, which affects the way substances metabolize throughout our system.

The health of one's endocannabinoid system plays a significant role in this. As previously mentioned, the human body naturally produces endocannabinoids. Things like diet, stress, and overall lifestyle influence endocannabinoid levels. For individuals who have deprived levels, CBD consumption will most likely produce a favorable experience, whereas someone with healthy endocannabinoid levels might not feel noticeable effects from consuming CBD products.



## TOLERANCE

It is relatively well-known that over time and through continued use, one will likely build up a tolerance to THC, meaning an increased concentration of THC would be needed to feel consistent effects. Yet, one study conducted in 2011 suggested that individuals may not build a tolerance to CBD. However, more research needs to be done to prove this theory.



# WAYS TO INGEST CBD & CHOOSING THE RIGHT PRODUCT

There are various ways in which your body can process and absorb CBD. You can eat it, you can drink it, you can inhale it, or you can apply it topically. Below are several of the most common methods of CBD administration:

## CBD OIL TINCTURES



Available in both Full Spectrum and 0% THC Isolate forms, CBD oils are a popular choice among CBD enthusiasts because they are easy to use. For best results, hold a few drops under your tongue for 10-20 seconds before swallowing.

[SHOP TINCTURES](#)

## CBD TOPICALS



Bring the benefits of CBD straight to your skin with CBD topicals. CBD creams are a wonderful addition to any skincare routine. Apply directly to affected areas.

[SHOP TOPICALS](#)

## CBD SOFTGELS



If you value convenience, CBD softgels may be your best option. With these options, you never have to worry about measuring or mixing your preferred dosage of CBD. Great for the on-the-go CBD user!

[SHOP CAPSULES](#)



## CBD VAPES & CARTRIDGES

Vaping is one of the most efficient forms of CBD delivery. Since vaping bypasses the digestive system, the potential effects of CBD vape can typically be felt within two minutes, which is quite a bit faster than ingested products. Your disposable vape pen is ready to use right out of the package. No mess, no hassle!

[SHOP VAPES](#)

## CBD GUMMIES



CBD Gummies are a delicious way to supplement the highest quality, naturally sourced, hemp-derived CBD into your daily routine. At 30mg per gummy, these fruity little bears pack the perfect punch of 0% THC cannabidiol.

[SHOP GUMMIES](#)

## CBD ISOLATES



CBD Isolate Powders are a great option for those who would like to create their own CBD products. They are most commonly used to formulate CBD oil, but also can be vaped, added to recipes and used to formulate CBD topicals.

[SHOP ISOLATES](#)

# THE ENTOURAGE EFFECT

The Entourage Effect is used to explain how the whole has a greater impact than its individual parts. There are more than 400 trace components found in hemp plants, including plant terpenes, flavinoids, vitamins, and minerals. Many of these compounds have the ability to interact synergistically, meaning they work together when the compounds are consumed.



When cannabinoids, plant terpenes, flavinoids and vitamins have the ability to work together, they have the potential to magnify the benefits of the others – strengthening the potential effects.

## WORKING TOGETHER:



Like the links of a chain, plant components in Full Spectrum and Broad Spectrum products work together to strengthen the effectiveness of each individual part.



When isolated, a single component (in our case, CBD) does not have as large of an impact as many parts together.

When choosing CBD products, many people prefer Full Spectrum or Broad Spectrum CBD over CBD Isolate because of the potential to benefit from the Entourage Effect. CBD Isolate products contain 99.9% ± CBD and zero trace of other plant components. For this reason, those who use CBD Isolate products cannot benefit from the Entourage Effect.

## UNDERSTANDING THE DIFFERENCE:

FULL SPECTRUM VS. BROAD SPECTRUM VS. CBD ISOLATE



### FULL SPECTRUM

INCLUDES **ALL** ACTIVE  
HEMP-DERIVED CANNABINOIDS



### BROAD SPECTRUM

INCLUDES **MOST** ACTIVE  
HEMP-DERIVED CANNABINOIDS  
**EXCEPT THC**



### CBD ISOLATE

INCLUDES **ONLY** 99% ± PURE  
HEMP-DERIVED CBD

Full Spectrum CBD products are created from hemp through a full plant extraction. It contains naturally occurring cannabinoids (includes <0.3% THC), plant terpenes, flavonoids, vitamins, minerals & plant proteins of the original hemp source. These compounds work together, typically referred to as the "Entourage Effect," multiplying the potential health benefits.

Broad Spectrum CBD products are created by taking Full Spectrum extract and further processing it to remove trace amounts of THC. Broad Spectrum products contain an array of naturally occurring cannabinoids, plant terpenes, flavonoids, vitamins, minerals & plant proteins of the original hemp source. Similar to Full Spectrum products, these compounds work together in what is known as the "Entourage Effect," multiplying the potential health benefits.

CBD Isolate is created by removing all other molecules, except CBD, from the Full Spectrum extract, leaving the CBD in an anhydrous state. All that remains is a white powder that is at least 99% pure CBD with 0% THC. This powder is applied into various CBD Isolate products such as oils, edibles, topicals and vapes.

### 2018 FARM BILL

- **FEDERALLY LEGAL:** The 2018 Farm Bill officially classifies hemp as an agricultural commodity and removes it from the federal list of Controlled Substances. This impacts everything from direct shipping to payment processing and opens the market up to consumers across the country, removing all federal risk related to interstate commerce.
- Federal acceptance of the hemp plant will lead to an influx of investment into all facets of the industry, from farming, to processing, to packaging and shipping. Likewise, we expect to see a proliferation of research studies into the hemp plant and its derivatives.
- States rights will still prevail. Federally legal means states cannot prohibit shipping across their borders; State lawmakers can, however, adopt their own policy and stance relative to CBD sales and distribution in their state.
- The 2018 Farm Bill defines hemp as all parts of the *Cannabis sativa* L plant, including "extracts" and "cannabinoids" with a THC concentration of <0.3%.
- Hemp farmers will now be able to carry federally subsidized crop insurance and can fully participate in USDA programs for certification and competitive grants.
- This bill brings us one step closer to destigmatizing the plant and industry as a whole, bringing greater consumer awareness of the medicinal benefits of cannabidiol and other hemp-derived cannabinoids. By de-scheduling hemp and removing it from the Controlled Substance Act, it opens up the possibility of public and private sponsored research programs.



**Although hemp is now federally legal, some states have different rules regarding CBD legality.**

**For the most up-to-date information, check your local or state wide measures about CBD products.**



## QUALITY GUARANTEE

CBD and the processes used by reputable companies enable the manufacture of a variety of safe CBD products. CBDistillery™ ensures that its products are of the highest quality by consistently testing and using only non-GMO, U.S. grown industrial hemp. All products manufactured by CBDistillery™ are from hemp grown outdoors under natural sunlight using natural farming practices.



### US HEMP AUTHORITY CERTIFIED

The new U.S. Hemp Authority™ Certification seal can only be displayed by companies who have met the most stringent requirements of the hemp industry's new standards.



### ISO 9001:2015 CERTIFIED

CBDistillery™ is ISO 9001:2015 certified. This international standard demonstrates the ability to consistently provide products and services that meet customer and regulatory requirements.

For accurate information about the THC content of specific CBD products, make sure your CBD supplier accurately lab tests each batch of product.

**CBDistillery™ conducts lab tests on each product for potency (cannabinoid content), residual solvents, heavy metals, microbials and pesticides to ensure a consistent and accurate product.**



### BATCH TRANSPARENCY:

1. Locate the batch number on the bottom of your product.
2. Download a free QR code reader on your phone.
3. Scan the QR code on the product label.
4. Enter the Batch Number to view lab test results.



## CBD FOR PETS



Just like humans, animals also have cannabinoid receptors primarily in the brain and central nervous system, making up what is known as the Endocannabinoid System.

For mammals, this system helps regulate inflammation, pain, motor control, skin condition, appetite, aggression, anxiety, and neurological disorders. CBD is an agonist, weakly binding to endocannabinoid receptors, causing a long-lasting response with non-toxicating effects.

## CBDISTILLERY™ PET TINCTURES

CBDistillery™'s natural, hemp-derived CBD oil is great for dogs, cats, and other pets. Unlike our human tinctures, this Pet Tincture has been formulated using cold-pressed hemp seed oil, specifically designed to aid in easy digestion for pets.

## SHOP PET CBD



## ACCURATELY DOSING YOUR PET

Since pets can vary greatly in weight and size, dosing them accurately is vital. Please refer to the chart on the right to determine the best dose for your pet's size. Keep in mind, one full dropper of our 30ml Pet Tincture is equal to approximately 1ml, or 5mg of CBD. These doses are recommended to be administered twice daily with your pet's food – once in the morning and once in the evening.

### 150MG PET CBD

<b>Under 25 lbs</b>	0.5ml (2.5mg)
<b>25 - 75 lbs</b>	0.5 - 1ml (2.5 - 5mg)
<b>Over 75 lbs</b>	1 - 2ml (5 - 10mg)

### 600MG PET CBD

<b>Under 25 lbs</b>	0.5ml (10mg)
<b>25 - 75 lbs</b>	0.5 - 1ml (10-20mg)
<b>Over 75 lbs</b>	1 - 2ml (20-40mg)



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