

CBDistillery™

The Ultimate CBD User Guide



LEADING THE **#CBDMOVEMENT™**



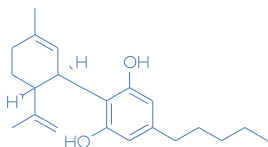
Table Of Contents

Introduction to CBD	2
The History and Versatility of Hemp	3
Hemp vs Marijuana	4
Where is Hemp Grown and is it Organic?	5
The Endocannabinoid System	6
The Entourage Effect	7
Health Benefits of CBD	8
What Are The Side Effects of CBD?	9
Does CBD Affect Everyone the Same?	10
What is the Recommended Serving for CBD Products?	11
How It's Made: Full Spectrum CBD	12
How It's Made: Broad Spectrum CBD	13
How It's Made: CBD Isolate	14
CBD for Pets	15
Choosing the Right Product	16
Is CBD Legal?	17
References	18

Introduction to CBD

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

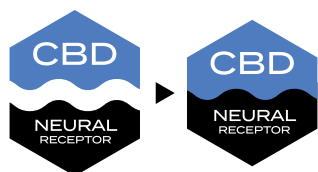
CBD (cannabidiol) is one of the cannabinoids found in industrial hemp plants.



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



Grown 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.

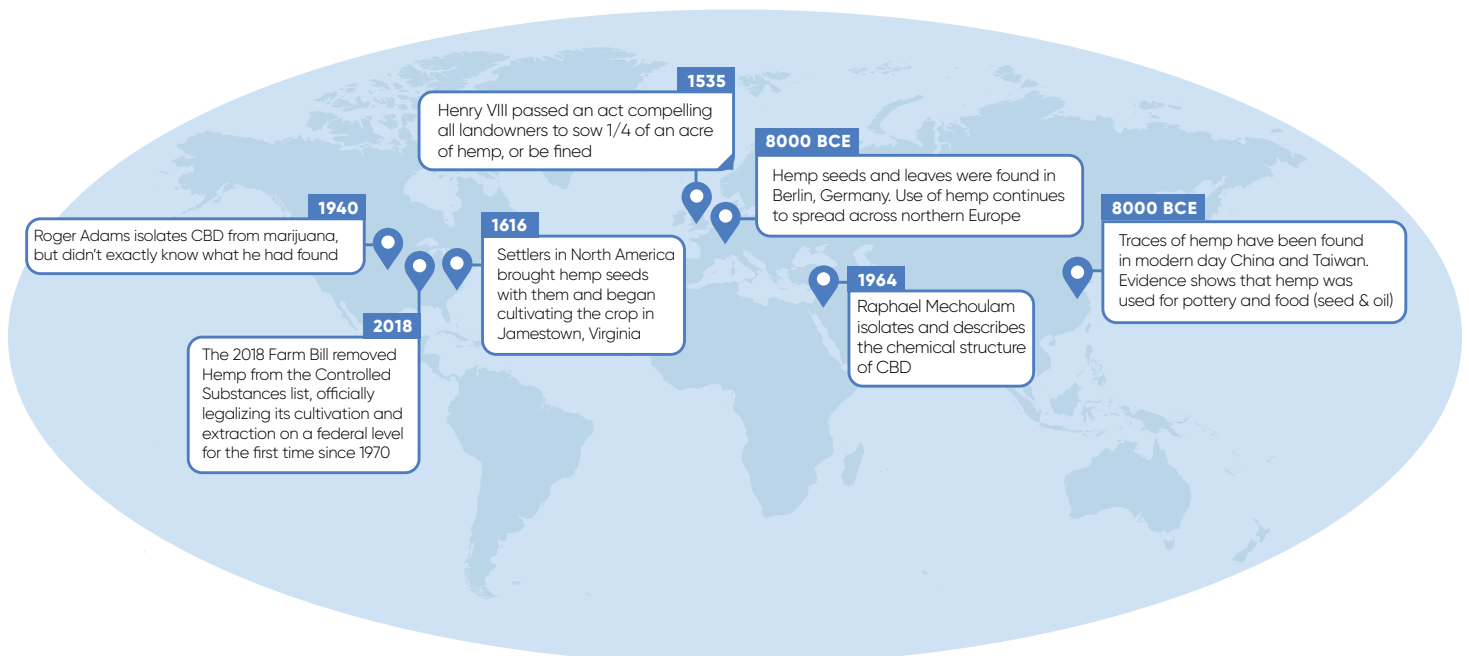
Hemp was so widely used in the U.S., some historians believe competing industries that considered hemp a threat to their livelihood (paper, pesticides, and oil) began a campaign to directly associate industrial hemp with its cannabis cousin, marijuana.

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.



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 & LOW THC (<0.3% THC)

MARIJUANA = HIGH THC (>0.3% 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)

- Primarily derived from hemp
- Non-intoxicating (produces NO "high" effects)
- Used in a variety of health and wellness products

TETRAHYDRO-CANNABINOL (THC)

- Primarily derived from marijuana
- Intoxicating (produces "high" effects and side effects)
- Commonly found in recreational and medical marijuana products

ENDOCANNABINOID SUPPORT WITHOUT THE RISK OF SIDE EFFECTS



**CBD =
NON-INTOXICATING**

Trace amounts of THC are not enough to cause any intoxication. CBD from hemp provides the same level of endocannabinoid system support without 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.

A high-angle, black and white photograph of a combine harvester operating in a large agricultural field. The harvester is positioned in the lower-middle section of the frame, moving from left to right. It has a large, dark harvesting head and a lighter-colored body with a tall exhaust stack. The field is divided into distinct rows of crops, with some areas appearing more densely packed than others. In the upper portion of the image, there is a dense, dark forest or wooded area that contrasts sharply with the open field. The overall composition emphasizes the scale of the agricultural operation relative to the natural landscape.



An aerial photograph showing a combine harvester operating in a large agricultural field. The harvester is positioned in the lower-middle section of the frame, moving from right to left. It has a white body and a dark harvesting head. The field is divided into sections by straight, parallel lines, indicating recent harvesting or planting. In the upper portion of the image, there is a dense, dark forest or wooded area that borders the field. The overall scene is captured from a high angle, providing a clear view of the machinery and the landscape.

An aerial photograph showing a combine harvester operating in a large agricultural field. The harvester is positioned in the lower-middle section of the frame, moving from right to left. It has a white body and a dark harvesting head. The field is divided into sections by straight, parallel lines, indicating recent harvesting or planting. In the upper portion of the image, there is a dense, dark forest or wooded area that borders the field. The overall scene is captured from a high angle, providing a clear view of the machinery and the landscape.

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.

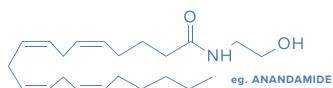
Keeping the endocannabinoid system balanced is so crucial to your health and well-being that many researchers today believe endocannabinoid deficiencies are to blame for many common health concerns. CBD works by mimicking the messengers and influencing the receptors of the endocannabinoid system. By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



MOLECULES

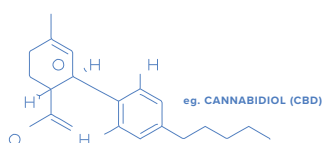
ENDOCANNABINOIDS

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

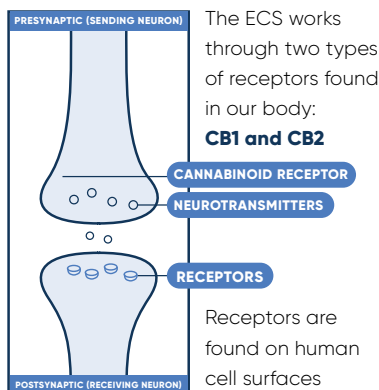


PLANT CANNABINOIDS

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:*

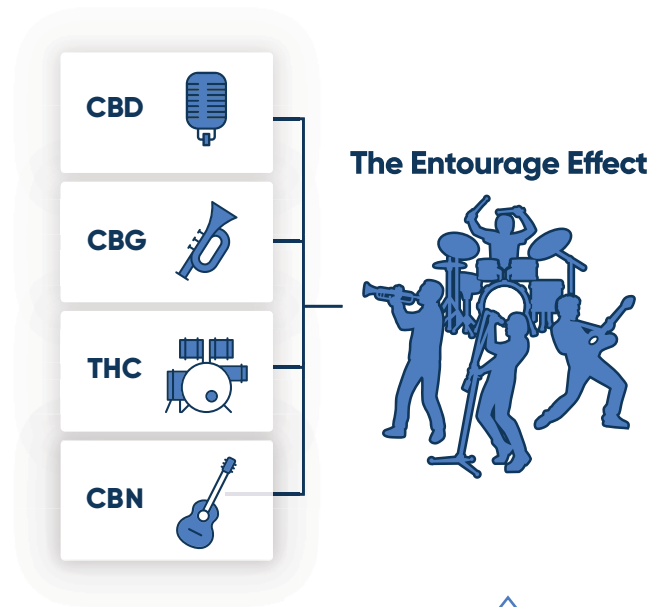
- PAIN[†]
- MILD STRESS
- INFLAMMATION[†]
- MOTOR CONTROL
- NAUSEA
- MEMORY
- APPETITE
- MOOD
- IMMUNE FUNCTION



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.



The term 'Entourage Effect' is used to explain how all compounds found in hemp have greater wellness potential when consumed together, than each plant part consumed on its own.

Take, for example, a musical band. The guitar, brass instruments, drums, and vocals all sound and perform well on their own, but when joined together, fusion and

synchronicity occurs, elevating the musical experience. The same goes for compounds in the hemp plant, such as CBD, CBN, CBG, THC, terpenes, and flavonoids.

These compounds have the ability to interact synergistically, working together when consumed, therefore multiplying the health benefits of CBD.

Understanding The Difference:

FULL SPECTRUM



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

BROAD SPECTRUM



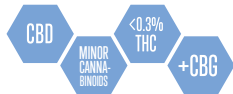
Broad Spectrum CBD products are created by taking Full Spectrum extract and further processing it to remove THC so that it has 0% THC.* Broad spectrum products contain an array of naturally occurring cannabinoids, plant terpenes, flavonoids, and plant proteins of the original hemp source. Similar to Full Spectrum products, these compounds work together in what is known as the "Entourage Effect," multiplying the health benefits of CBD.

CBD ISOLATE



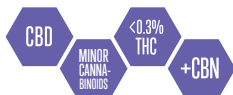
CBD Isolate is created by removing all other molecules, except CBD, from the Full Spectrum extract, leaving the CBD in an anhydrous state. All that remains is a white powder that contains high purity CBD with zero THC. This powder can be added to various CBD products such as oils, edibles, and topicals.

CBG:CBD



CBG is the "mother," or "stem cell," cannabinoid, which creates all other cannabinoids such as CBD. Proprietary full spectrum blend containing equal levels of CBD and CBG, with < 0.3% THC, other active minor cannabinoids, terpenes and flavonoids. These compounds work together, typically referred to as the "Entourage Effect," multiplying the health benefits.

CBN:CBD



This is a proprietary full spectrum blend containing a 1:3 ratio of CBN to CBD, with < 0.3% THC, and other active minor cannabinoids, terpenes, and flavonoids. These compounds work together, typically referred to as the "Entourage Effect," to multiply the health benefits. CBD, combined with CBN, can be used as an effective and natural sleep aid.

Health Benefits of CBD

You may be somewhat surprised to learn that CBD is shown to have significant health and wellness potential for people representing all ages. Some people say they are using CBD for better sleep, reduced stress, or even less pain after physical activity. The reason you will likely find so many favorable testimonials from such a diverse group of people is explained by the way CBD provides therapeutic potential based on the needs of the individual.

A survey of 1,900 CBD users highlighted these four benefits as common reasons for why people use CBD frequently.



Relief

CBD helps with pain after physical activity.*



I'm a dad and cowboy. I have a busy and physical life. This is the most effective brand I have found. It gives me a calmness of the body and mind and I'm able to think more clearly and physically be more efficient.

Tray, January 2020



Relaxation

CBD helps with mild or temporary anxiety.*



Fantastic stuff. Allows me to concentrate on my work and relieves mental chatter.

Chris, September 2020



Sleep

9 out of 10 CBD users sleep better with CBD.*



Helps me sleep like a baby and feel refreshed in the morning. Works like a charm for me.

Allison, August 2020



Inflammation

CBD can be used to reduce inflammation after physical activity.*



I'm an older runner and nurse. Thanks to your product, I glide through my runs and work days.

Mary, May 2020

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.



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.

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.

What Is The Recommended Serving For CBD Products?

Understanding How Much CBD Is In Your Product

It is recommended that you start with 5–10mg of CBD, wait 3–4 hours, and increase as necessary in order to achieve desired results. The recommended serving size of CBD is 30–60mg daily. While we cannot provide efficacy information in relation to specific CBD serving size, we can show how much cannabidiol our products contain per serving or as total amounts.

Please note individual results may vary, and serving size may depend on a multitude of factors. For individual recommendations on CBD serving size, check with your physician or healthcare provider.

CBD Oil Tinctures

Product	CBD Per Bottle	CBD Per Dropper	CBD Per Drop
17mg CBD Per Serving Tincture	500mg	17mg	0.4mg
33mg CBD Per Serving Tincture	1000mg	33mg	0.8mg
83mg CBD Per Serving Tincture	2500mg	83mg	2.0mg
167mg CBD Per Serving Tincture	5000mg	167mg	4.0mg
17mg:17mg CBG:CBD Oil Per Serving Tincture	500mg:500mg	17mg:17mg	0.4mg:0.4mg
33mg:33mg CBG:CBD Oil Per Serving Tincture	1000mg:1000mg	17mg:17mg	0.8mg:0.8mg
150mg:450mg CBN:CBD Oil Per Serving Tincture	150mg:450mg	5mg:15mg	0.13mg:0.38mg
300mg:900mg CBN:CBD Oil Per Serving Tincture	300mg:900mg	10mg:30mg	0.26mg:76mg



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:

No signs of toxicity or serious side effects have been observed following chronic administration of cannabidiol to healthy volunteers¹, even in large acute doses of 700mg per day².

¹Cunha et al., Pharmacology 21:127–185, 1980
²Consroe et al., Pharmacol, Biochem, Behav. 40:701–708, 1991)

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 Broad Spectrum Softgels (30 ct.)	30 Days	900mg	30mg
30mg Broad Spectrum Softgels (60 ct.)	60 Days	1800mg	30mg

CBD Gummies

Product	Daily Supply	mg Per Bottle	mg Per Unit (1 Gummy)
CBD Anytime Gummies - 30mg (30 ct.)	30 Days	900mg	30mg
CBD Sleep Gummies - 30mg (30 ct.)	30 Days	900mg	30mg

CBD Powders

Product	Weight
CBDelicious Full Spectrum CBD Powder	1 Gram
CBDelicious Broad Spectrum CBD Powder	1 Gram
CBDelicious Isolate Powder	1 Gram
Broad Spectrum CBD Formulation Powder	1 Gram
CBG Isolate Powder	1 Gram

How It's Made: Full Spectrum CBD Extract

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 CO₂ Extraction

CO₂ extraction involves passing CO₂ 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



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 CO₂ 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: Broad Spectrum CBD Extract

1



Hemp Seeds Are Planted

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

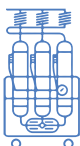
2



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 Co₂ Extraction OR Ethanol Extraction

With some Broad Spectrum products an extractor may use CO₂ extraction (see previous page) or ethanol extraction, both processes result in a crude full spectrum extract that is high in CBD, minor-cannabinoids, terpenes and flavinoids.

4



Decarboxylation/Winterization

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



THC Removal

The full spectrum oil runs through an additional process in which the THC is removed, leaving behind Broad Spectrum extract.

6



Broad Spectrum CBD Oil

After undergoing extraction, decarboxylation/winterization and THC removal, the end result is Broad Spectrum CBD oil. "Broad Spectrum" CBD refers to the presence of other naturally occurring hemp cannabinoids and terpenes but without the concern of THC*.

* Third-party tested to ensure non-detectable levels of THC (less than .05%)

7



End Result: Broad Spectrum CBD Products

CBDistillery™ carries a full line of Broad Spectrum CBD oil products containing less than 0.05% THC including tinctures, softgels, topicals, and gummies.

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



Supercritical Co₂ Extraction OR Ethanol Extraction

With some Isolate products an extractor may use CO₂ extraction (see previous page) or ethanol extraction, both processes result in a crude full spectrum extract that is high in CBD, minor-cannabinoids, terpenes and flavinoids.

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, resulting in Full Spectrum Distillate.

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

6



End Result: Isolate CBD Products

CBDistillery™ carries dozens of high purity CBD Isolate products including powder, as well as products that are formulated with isolate, such as tinctures.



CBD for Pets



Like humans, animals also have cannabinoid receptors primarily in the brain and central nervous system, making up known as the Endocannabinoid System. This system helps regulate inflammation, pain, motor control, skin condition, appetite, aggression, anxiety, and neurological disorders for mammals. CBD is an agonist, weakly binding to endocannabinoid receptors, causing a long-lasting response with non-intoxicating effects. This is why pets are calmer with daily CBD use.*

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 hemp seed oil (which does not contain cannabinoids), specifically designed to aid in easy digestion for pets.



SHOP PET CBD

CBD Serving Size For Pets

Since pets can vary greatly in weight and size, finding the right serving size is vital. Please refer to the chart on the right to determine the best serving size 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 servings are recommended to be administered twice daily with your pet's food – once in the morning and once in the evening.

15MG CBD PER SERVING

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

20MG CBD PER SERVING

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



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, Broad Spectrum, and 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. CBDistillery™ offers CBD, CBG, and CBN oils.

[SHOP TINCTURES](#)



CBD Powders

CBD and CBG Powders are known for their versatility. Powders are perfect for those who are interested in a versatile product and wanting to create their own topicals or add the health benefits of CBD and CBG to their favorite products.

[SHOP POWDERS](#)



CBD Softgels

CBD Softgels contain pre-measure 30mg softgels that are convenient and portable. CBD softgels are one of the easiest ways to add CBD's health and wellness benefits to your daily routine, as you don't have to worry about mixing or measuring your CBD serving size. Our softgels allow you to experience the entourage effect, which multiplies the wellness potential of CBD.

[SHOP SOFTGELS](#)



CBD Gummies

CBDistillery™ CBD Gummies are a flavorful way to experience all the health and wellness benefits of hemp-derived CBD supplements. Our CBD gummies contain a pre-measured 30mg serving of CBD, so you never have to worry about mixing or measuring serving sizes. Each portable bottle contains 30 delicious fruit flavored gummy supplements. Our gummies allow you to experience the entourage effect, which multiplies the wellness potential of CBD.

[SHOP GUMMIES](#)



CBD Topicals

Bring the benefits of CBD directly to your skin for localized relief where you need it most. CBD Topicals contain a selection of botanical oils and other natural ingredients chosen to nourish and soothe the skin.

[SHOP TOPICALS](#)



Great CBD

I have tried several different companies' CBD oil & CBDistillery™ has worked the best for me. Great quality, affordable price & fast shipping. This CBD is my go to always and I recommend them to everyone I know.

- Gerald O.

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.



References

History

The Thistle, MIT. (2000, September). *The People's History*.

Marijuana Break. (2018, January 18). *Cannabis History 101: A Brief Timeline on the History of CBD*.

Ministry of Hemp. *History of Hemp*.

Hemp Cultivation

NCSL. (2019, February 1). *State Industrial Hemp Statutes*.

Endocannabinoid System

Eternal Plants. (2018, January 5). *A Beginner's Guide to the Endocannabinoid System*.

Project CBD. *The Endocannabinoid System*.

CBD Side Effects Studies

NCBI. (1980). *Chronic administration of cannabidiol to healthy volunteers and epileptic patients*.

NCBI. (1986). *Open label evaluation of cannabidiol in dystonic movement disorders*.

NCBI. (2014, March–April). *Cannabis (medical marijuana) treatment for motor and non-motor symptoms of Parkinson disease: an open-label observational study*.

NCBI. (2006, September). *Inhibition of salivary secretion by activation of cannabinoid receptors*.

NCBI. (2011, September 1). *Safety and side effects of cannabidiol, a Cannabis sativa constituent*.

CBDistillery™

LEADING THE
#CBDMOVEMENT™

CBDistillery.com

 **CBDistillery_**

 **CBDistillery™**

