

ACE CBD FREQUENTLY ASKED QUESTIONS

What is CBD?

CBD is short for cannabidiol, which is a major cannabinoid found in cannabis. CBD is absorbed naturally by the body's endocannabinoid system which may help with things like pain and stress management, hormone regulation, immune function, and sleep.

Cannabinoids occur naturally in the body, so CBD oil has been known to be quite effective in dealing with several ailments and illnesses because the body naturally attracts and accepts them.

CBD derived from industrial hemp carries many of the same positive effects of marijuana but is not psychoactive, so users will not feel the "high".

Do you want to learn more? Visit our [What is CBD](#) page.

What is the difference between the CBD oil and THC oil?

CBD oil derived from industrial hemp (*Cannabis L Sativa*) contains less than 0.3% THC. THC oil is made from cannabis, also known as marijuana, and typically contains higher levels of THC and a small amount of CBD. THC oil is illegal in the most parts of the world because of the high concentration of THC whereas CBD oil is legal and can be shipped throughout the United States.

What should I look for when buying CBD?

No matter where you purchase your CBD, we do recommend looking at the following before making your purchase:

1. **Isolate vs. full-spectrum:** The main difference between full-spectrum CBD and isolate CBD is that full-spectrum contains all of the other cannabinoids and terpenes in the hemp plant from which it was sourced. Isolate CBD, however, is made up of just CBD, which has been extracted from everything else.
One would assume that CBD is better in isolate form than full-spectrum for medical reasons because you are getting a higher and more concentrated dose of CBD without any psychoactive THC. However, evidence accumulated so far says to the opposite, indicating that users of full-spectrum CBD achieves better results when combined with the other cannabinoids and terpenes from the source plant.

2. **3rd Party Verified Labs:** Since CBD is not regulated it's important to know what's in the product you're taking or using. At ACE, we only use verified 3rd party labs for testing. This is done to ensure that what we say is in our products is actually what is in our products. Always ask to view verified 3rd party labs before purchasing CBD and don't settle for in-house test results.
3. **Amount of CBD per ml:** When buying CBD, a higher amount per dose will last you longer. Again, it's important to ask to view 3rd party verified labs to know whether the oil you're taking is full-spectrum and/or if the amount of CBD is inflated by adding CBD isolate. At ACE, our human ingestible oil contains 20mg of CBD per ml and our ingestible pet oil contains 10mg of CBD per ml. Our CBD vape oil also contains 10mg of CBD per ml and the reason for that is because by vaping CBD it enters your blood barrier almost instantly and the oil is not broken down by the liver – so higher amounts of CBD are not necessary when vaping.

How to use CBD (topically, sublingually, vape)

CBD may be ingested through tinctures, oral sprays and edible treats. Our full-spectrum CBD hemp oil is infused with Medium-Chain Triglycerides (MCT) oil which provides the essential fatty acids we often miss in our daily diet.

CBD oil may also be used topically by rubbing it into affected areas to reduce inflammation.

For those seeking immediate results, vaping CBD hemp oil is the way to go. It is also more convenient and travel-friendly than tincture bottles when you have an on-the-go need. For instance, if you encountered a stressful situation and anxiety sets in, a few quick pulls on the vape pen could put you at ease within seconds. Our CBD Vape Oil is derived from hemp, is full-spectrum (whole-plant) and infused with 100% vegetable glycerin.

Animals can partake of the benefits the same way as humans can with an ingestible CBD hemp oil for pets. Our full-spectrum CBD hemp oil for pets is a little less potent for our furry friends and may help the tailwaggers with a host of ailments such as pain, seizures, nausea, anxiety and more. It's also a natural way to help our four-legged friends as many pet medications can be very harsh and have debilitating side effects, plus it won't get your pet "high."

How much CBD should I take (dose)?

Every person's body and metabolic process is different. The effects of a few drops of CBD oil for some could be the same as an entire dropper for others. At ACE, we maintain the highest levels of quality backed by 3rd party lab testing to ensure that each bottle of ACE CBD is consistent, however, each person's body will metabolize the CBD differently.

Whether you're taking CBD for pain or inflammation relief, better sleep, mood stabilization, long term wellness or other reasons, below is our recommended starting dose and subsequent doses that will acclimate your body to CBD for best long term results.

Ingestible CBD Hemp Oil for Humans

Our recommended starting dose is 0.5 mL (about ¼ dropper) taken twice daily 12 hours apart and 2 hours before or after any pharmaceuticals. Hold this dose for one week and if you have not achieved desired results, increase your dose by ¼ dropper each week until you are satisfied with your results.

Less Is More: Each person is different (metabolism, weight, medical conditions, etc.). Start small then gradually add more until desired results are achieved.

Ingestible CBD Hemp Oil for Pets

Our recommended starting dose for pets is 4 drops for every 10 pounds animal weight. For best results, dose 2X daily and if after 7 days desired results are not achieved, increase dose by 1-2 drops until desired relief is achieved. Take 2 hours before or after any pharmaceuticals.

CBD Vape Oil from Hemp

Vape CBD hemp oil as often as needed for immediate relief from stress, anxiety, cramps and so much more. It's also effective for managing pain and reducing inflammation.

How fast does CBD oil work?

Ingestible oil for people & pets, when taking the proper dose, may take a few minutes to become effective and for some it may take an hour or more, depending on how much you ate before and how long ago your last meal was. We recommend taking the oil sublingually (under the tongue) and it's best to take CBD on an empty stomach for faster effect.

When first taking CBD your body needs to get acclimated. Begin with our recommended starting dose then adjust it weekly to find your perfect dose. For most first time users, they expect a huge change and it's not usually like that. The "feeling" from CBD may be subtle and many report that they have feelings of calmness while others have reported that is "takes the edge off" within minutes after taking their dose. A gentle release of the pain is usually fairly noticeable when taking these products in proper amounts.

Vaping CBD hemp oil is one of the fastest ways to feel relief, and you can try it easily and safely with our [Vape Pen Bundle](#). The vapor enters the blood barrier instantly, proving relief within 30 seconds or less. While the vape oil works fast and is effective, the results don't last as long as ingesting CBD, meaning you'll have to vape the CBD hemp oil more often.

Everybody is different and reacts differently to CBD oils. The only way to know for sure how fast and how strong CBD works for you is to experiment.

Remember: Always start with low dosages first, and work yourself up slowly. Let your physician know before you start taking CBD, especially if you suffer from chronic illness and take medication.

How should I store my CBD oil?

CBD oil is perishable and should be stored away from direct sunlight, preferably in a cool and dark place such as a cupboard or the refrigerator.

Is CBD Legal?

YES, CBD is legal in all 50 states. CBD oil can be derived from cannabis and industrial hemp, both forms of CBD oil are not equal in the eyes of the law. Both forms of CBD come from a different variety of cannabis plants. But they are different in their chemical compound makeup. CBD products made from industrial hemp are legal within of the United States as long as they contain less than 0.3% THC. ACE CBD Hemp Oil contains less than 0.3% THC meaning we are able to sell and ship it throughout the United States.

According to the [Hemp Industries Association](#):

- Cannabidiol is not listed on the federal schedule of controlled substances
- Sec. 7606 of the Farm Bill defines hemp as distinct from marijuana and does not treat it as a controlled substance when grown under a compliant state program
- Despite these facts, DEA has stated that CBD is a controlled substance previously
- HIA strongly disagrees with the DEA position and is ready to take action to defend should DEA take any action to block the production, processing or sale of hemp under Sec. 7606
- The Final Rule published on December 14th was not a scheduling action but rather an administrative action related to record keeping
- The code assigned to "marihuana extract" in the rule is "Administration Controlled Substances Code Number" for the purposes of identification of substances on registration forms
- The rule was originally published as a proposed rule in 2011 BEFORE the Farm Bill and didn't mention CBD or hemp
- DEA confirmed to a reporter from the Denver Post that this was an administrative action and did not change the status of CBD in federal law

Does CBD Get You High?

No, CBD derived from hemp contains less than 0.3% THC and is naturally non-psychoactive. Many people report an overall sense of well-being and relaxation.

Does CBD Show Up In A Drug Test?

According to [Leafly.com](https://www.leafly.com), "...Individuals using unusually large doses of a cannabinoid-rich hemp oil product (above 1000-2000 mg of hemp oil daily) could theoretically test positive during the initial urinary screen. Although very rare, the urine screen in these cases would likely represent a "false positive" due to other non-THC metabolites or compounds, which may cross-react with the immunoassay. When this is the case, the confirmatory GC/MS test would be negative, since CBD and other cannabinoids will not be detected by the more accurate (and specific) GC/MS screen."

Does CBD interact with other medications?

[According to Project CBD](#), "CBD and other plant cannabinoids can potentially interact with many pharmaceuticals by inhibiting the activity of cytochrome P450, a family of liver enzymes. This key enzyme group metabolizes most of the drugs we consume, including more than 60 percent of marketed meds.

At sufficient dosages, CBD will temporarily deactivate cytochrome P450 enzymes, thereby altering how we metabolize a wide range of compounds, including tetrahydrocannabinol (THC), which causes the high that cannabis is famous for."

Because of this, we recommend dosing CBD a minimum of 1-½ hours before or after taking any pharmaceutical medications. This will ensure your CBD and meds are both effective.

What are the benefits of CBD?

[Research shows](#) that CBD benefits include acting as an anti-inflammatory, anticonvulsant, antioxidant, antiemetic, anxiolytic and antipsychotic agent, and is therefore a potential medicine for the treatment of neuroinflammation, epilepsy, oxidative injury, vomiting and nausea, anxiety and schizophrenia.

Why ACE Botanicals?

- Our products contain full-spectrum extractions that retain the full cannabinoid and terpene profiles.

- Our products are made without the use of emulsifiers.
- Our products are edible including our vape oil.
- No isolates are used or added in the production process.
- Our products don't contain additives, flavor additives, or preservatives.
- Full 3rd party lab results [are available online](#) for anyone to review.

Is CBD For Me?

Whether you are facing serious life conditions or looking for everyday wellness, CBD offers something for everyone, even pets. If you're suffering from any of the conditions listed below, CBD might provide relief and/or benefits for you:

Note: We will be linking to specific articles for each of the ailments listed below

- Anxiety
- Alcoholism
- Back Pain
- Chronic Pain
- Diabetes
- Depression
- Epilepsy
- Fibromyalgia
- Migraines
- Multiple Sclerosis
- PTSD
- Psoriasis
- Rheumatoid Arthritis
- Schizophrenia & Psychosis
- Crohn's Disease
- Nausea/Vomiting
- Anti-Cancer Properties
- Hangovers
- Substance Abuse
- Arthritis
- Acne
- Lupus
- IBS
- Autism
- ADD/ADHD
- Alzheimers
- Antibiotic Resistant Infections

- MS
- Chronic Pain
- Opioid Addiction
- Parkinson's
- Headaches & Migraines
- PMS
- Anxiety
- OCD
- Insomnia/ Sleep Disorders
- Depression
- PTSD
- Athletes

Why Should I Vape CBD?

Vaping CBD oil is the quickest and most effective delivery method for relief from stress or anxiety, inflammation and other ailments.

1. Vaping CBD enters your lungs and diffuses directly into your bloodstream, rather than passing through your gut and liver, allowing you to achieve more immediate relief.
2. You can achieve the same beneficial effects of with a smaller amount of CBD.
3. It's easy to take with you wherever you go for a quick dose whenever you need it.

How Do I Use My Vape Pen With CBD?

Coming soon...

Is CBD Safe For Pets?

No study has ever reported CBD is harmful to pets, but rather it is beneficial in many ways. Not all, but most, of the CBD tinctures and edible treats for pets are virtually THC-free, completely non-psychoactive and non-toxic to pets.

How Much CBD Is In ACE products?

ACE CBD Hemp Oil for Humans: 20mg CBD per ml

ACE CBD Hemp Oil for Pets: 10mg CBD per ml

ACD CBD Vape Oil: 10mg per ml

Can I Mix CBD In My Food or Beverages?

CBD oil can be mixed into different foods and beverages. The oil can be mixed into food items like smoothies, or it can be baked into edibles. CBD oil, whether in the form of an edible or in its pure state, can be a great option for people who desire to have a discreet administration method for their medical cannabis.

How Is My Package Shipped? Is Packaging Discreet?

Your products are packaged in a discreet, non-branded box addresses from “ACE.”

Where Do You Ship?

We ship to anywhere in the 50 United States.

Is ACE CBD Organically Grown?

Yes! Though our hemp is not “certified organic,” it's grown organically using all natural ingredients: compost, animal manure and available rainfall.

Where Is ACE CBD Grown?

Our hemp is grown north of Denver, CO under the [Federal Farm Bill of 2014](#).

What Does ACE CBD Taste Like?

The gentle flavor of cannabis along with earthy tones is noticeable combined with the MCT oil.

What is the difference between isolate and full spectrum CBD?

The difference between full-spectrum CBD and isolate CBD is that full-spectrum contains all of the other cannabinoids and terpenes in the hemp plant from which it was sourced. Isolate CBD, however, is made up of just CBD, which has been extracted from everything else.

One would assume that CBD CBD is better in isolate form than full-spectrum for medical reasons because you are getting a higher and more concentrated dose of CBD without any psychoactive THC. However, evidence accumulated so far says to the opposite, indicating that users of full-spectrum CBD achieves better results when combined with the other cannabinoids and terpenes from the source plant. Read more about CBD isolate vs. full-spectrum CBD.

The research from the [Lautenberg Center for General Tumor Immunology](#) found that CBD-isolate is only effective until a certain dosage, at which point it actually doesn't work so well – this pattern is shown and referred to as a bell-curve on a graph. Contrastingly, full-spectrum CBD doesn't become any less effective, no matter how much you take. After a while the effects may level off, but there aren't going to be any negative impacts. Therefore, you can feel more confident about taking full-spectrum CBD than CBD isolate, knowing it has a much wider window of success. Moreover, full-spectrum CBD tends to yield better results when taking on pain and inflammatory complaints than CBD isolate was able to muster up.

This full-spectrum CBD effect is also known as the “entourage effect”. This means that while CBD works sufficiently on its own, when it's allowed to interact with other cannabinoids like THC and terpenes in the source plant the performance is far superior.

Does CBD Cause Side Effects?

Like all things, CBD oil may have side effects for some users. For some, CBD oil may not provide relief. Certain individuals may have an allergic reaction. It is also recommended that those who are undergoing fertility treatments should suspend usage during fertility treatments. Other than that, CBD oil has not presented other adverse side effects in studies and can be tolerated in high doses. Consult your doctor if you have any concerns.

What Are Cannabinoid Receptors And What Do They Do?

Cannabinoid receptors play a host of vital roles in our bodies. Found in nerve tissue, lung, liver, intestine, kidney, lymphatic tissue, and the spleen, the CB1 and CB2 receptors play roles in our immune system and blood formation functions. Other processes they control include cognition, memory, anxiety, motor behavior, sensory, autonomic and neuroendocrine responses, Glucose metabolism and insulin resistance, inflammatory effects, control of the vomiting reflex, nausea, hunger, and appetite control. This system is also responsible for the pleasure we get from exercise, commonly known as the runner's high, previously believed to be caused by endorphins.

The endocannabinoid system consists of the endogenous cannabinoids (endocannabinoids), cannabinoid receptors and the enzymes that synthesise and degrade endocannabinoids. Many of the effects of cannabinoids and endocannabinoids are mediated by two G protein-coupled receptors (GPCRs), CB(1) and CB(2), although additional receptors may be involved. CB(1) receptors are present in very high levels in several brain regions and in lower amounts in a more widespread fashion. These receptors mediate many of the psychoactive effects of cannabinoids. CB(2) receptors have a more restricted distribution, being found in a number of immune cells and in a few neurones. Both CB(1) and CB(2) couple primarily to inhibitory G proteins and are subject to the same pharmacological influences as other GPCRs. Thus, partial

agonism, functional selectivity and inverse agonism all play important roles in determining the cellular response to specific cannabinoid receptor ligands. [Source](#)

What Is The Endocannabinoid System?

The Endocannabinoid System (ECS) is a vast network of cell receptor proteins with many functions. Some describe the ECS as the greatest neurotransmitter system in the body. The four primary purposes of the ECS include: neuroprotection, stress recovery, immune balance, and homeostatic regulation.

Do I Need A Medical Card To Buy ACE CBD Products?

No, our CBD is derived from industrial hemp and contains less than 0.3% THC, making it so you can order from anywhere in the 50 United States.

What Is In ACE CBD Hemp Oil?

Our CBD hemp oil is 100% organic, non-gmo, and made with no additives. It consists of 100% Pharmaceutical grade Medium Chain Triglycerides (MCT) oil and Cannabis Sativa Extract – High CBD genetics grown from Hemp. Contains less than 0.3% THC in accordance with the CSA and the Federal Farm Bill of 2014.