

We all know that third-party testing is an important part of selecting which brand, or potency of hemp products we take. With so many products to choose from, transparency is paramount to making an informed decision on which product is right for you. For some, the products they choose to use is made with only CBD, or **CBD Isolate**. While others look for a product that is as close to “Whole Plant” as possible. These products contain far more cannabinoids, terpenes, vitamins, minerals, fatty acids, and are commonly referred to as **Full Spectrum Hemp Oil** (Or FSHO for short). Whichever product you lend yourself to, knowing how to interpret these test results can be a bit confusing, and feel somewhat daunting.

Here are a few helpful hints to guide you through reading a standard analytical test result!

#01 Weight Percent – This column shows the total percent of each cannabinoid present in the batch sample. This is most important when it comes to the total amount of Delta 9-THC present in your bottle. All hemp-derived products must contain less than 0.3% Delta 9-THC, not equal to. This means that all hemp-derived products **MUST** be 0.299% or less.

#02 Concentration (mg/ml) – This column shows the concentration of each cannabinoid present in the batch sample. The concentration of each cannabinoid is represented in milligram increments, per milliliter. (1 milliliter equals one full dropper or, one serving) The important difference between Full Spectrum Hemp Oil and CBD isolate is best represented in this category. CBD works best when paired with, or accompanied by different cannabinoids that naturally occur in the hemp plant. This synergy is known as the “Entourage Effect”.

#03 Max THC Percent – This section shows the max calculated percent of THC present in the batch sample. When reading test results, it is always important to see that the THC% inside your bottle equals to 0.299% or less.

#04 Total Cannabinoid Content – This section adds up all of the cannabinoids found in the batch sample and presents it by milligrams to milliliters. Simply put, the number here shows the total milligram amount of all cannabinoids present per serving.

#05 Max THC (MG/ML) – This section shows the total amount of THC present per serving. Unlike **#3**, this number is presented as milligrams per milliliter (or serving).

#06 Max CBD (MG/ML) – This section shows the total amount of CBD present per serving. This number is presented as milligrams per milliliter (or serving).

E.G. if the number shown in section #06 shows 34.80, this means that each serving has 34.80 milligrams of CBD.

What to be aware of – now that we have a good understanding of how to interpret these results, here are a few disclaimers customers should be thinking of while purchasing a Full Spectrum Hemp Oil or CBD product.

Is this company using third-party testing for their products?

Are these test results correlated to batch numbers clearly indicated on the product packaging?

Does the company have QR codes on their products? Or do they make it easy for me to find the results?

If a “Full Spectrum” product shows no other cannabinoids or terpenes present, is it really Full spectrum?

Is the THC content in my hemp product under the legal limit? (Less than 0.299%)