Step 1: Organic Farming

Every product Swell creates starts with our natural proprietary strains of phytocannabinoid-rich hemp. All of the hemp we use is grown in nutrient-rich soil in Colorado. Our farmers operate under strict guidelines and use only 100% organic practices. We take advantage of a state-of-the-art farming process. Not only does this enhance the quality of our natural proprietary strains, but it also makes sure our products are safe, regulated and unsurpassed in their potency and consistency.

Step 2: Raw Hemp Processing

The plants we use are dried and warehoused after they are harvested. When we need a plant for production, it is milled into a coarse powder. The milling process adheres to the highest quality standards in the industry. Once milled, it is shipped to our processing and manufacturing facility in Colorado.

Step 3: Proprietary Extraction and Solids Separation

We use a proprietary hemp extraction and purification process. This makes sure that all of hemp’s beneficial phytocannabinoids, terpenes, terpenoids and flavonoids are preserved. It also gets rid of unwanted compounds while preventing natural molecules from degrading. The result? The highest quality full spectrum hemp oil available.

Step 4: Distillation

The oil is then distilled to separate the hemp extract from the food grade ethanol used in the extraction process. In fact, we are one of the few facilities in the world that use this food grade ethanol.

Step 5: THC Removal and Refining

One of the most important steps in the process is to remove even the most minute traces of THC. THC is the compound found in hemp and cannabis that produces the “high” associated with the plant. We use a proprietary technology to remove unwanted compounds still present in the oil. These compounds include wax, chlorophyll, plant pigments and trace amounts of THC. It is then “washed” and “polished” to create the highest quality, zero THC, full spectrum CBD oil available.

Step 6: In House and Third-Party Lab Testing

We test every production run for quality and potency. This makes sure all of the cannabinoids, terpenes, essential fatty acids and phytonutrients are consistent and pure. Every batch goes through rigorous testing in our in-house laboratory. When the batch passes, it receives a Certificate of Analysis and a Certificate of Quality Assurance that we make available to our customers. We also use third-party labs on a monthly basis to verify and confirm the Certificates. And here’s the great news: to date, not one batch has failed to meet our unprecedented testing standards!

Step 7: Our Proprietary Nano Emulsion Technology

Some of our products require our oil to go through another processing step. The raw hemp oil goes through a proprietary process that transforms it into nano-sized emulsions. This makes it the most bioavailable full spectrum CBD in the industry. Our competitor’s hemp oil particles are anywhere between 150 and 5000 nano-meters in size. Our particles are 25-60. This small size gives them better bioavailability, leading to much more effective absorption. This nanoemulsion process can make our formulas five times more bioavailable than oil-based products. It also makes it four times more bioavailable than other water-soluble hemp-based oils.

What does all of this mean for you? You can use less of our product to achieve the same level of benefit as the products sold by most of our competitors. We think that’s a reason to celebrate.

Better products, better value, better results. Because, like we said, not all hemp is created equal, and neither are CBD products.

While CBD on its own offers many health benefits, a growing body of research has found that a full spectrum product (a product containing other naturally occurring cannabinoids and terpenes derived from hemp) leads to multiplying benefits. This is called the Entourage Effect.

But the process isn’t quite done. Once extracted, the oil is then pressed to separate most of the oil from the plant solids.

Because our products are 100% THC free, we can ship them across states and to most countries around the world.

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