

# From Seed to Shelf: How CBD Products are Made

## Isolate CBD Products



### Hemp seeds are planted

Our Industrial hemp is grown outdoors in a mild climate, with NON-GMO, pesticide-free, organic practices.



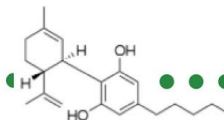
### Plants are harvested and reaped

Industrial hemp is grown to be tall with long stalks and stems. Once harvested, the plants are lifted from the ground where the aerial plant parts are taken to an extraction facility.



### Organic ethanol extraction

Ethanol extraction involves introducing food-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.



### Decarboxylation

It is crucial for CBD to undergo a process called decarboxylation, which turns inactive CBD-A, a prevalent, acidic precursor cannabinoid found in industrial hemp, into active CBD. Decarboxylation involves heating the CBDA molecule to high temperatures in order to transform the molecule into the active CBD molecule.



### Winterization

Winterization involves soaking the plant extract in alcohol and freezing it in order to remove waxes and lipids.



### Distillation

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



### Isolation

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



### End result: 99% Pure CBD Isolate Products

CBDistillery carries dozens of 99% Pure CBD Isolate products including powder and slab as well as products that are formulated with isolate.

**CBDISTILLERY**