

## What is CBD Isolate?

CBD isolate is an odorless, tasteless, crystalline powder or solid pure CBD. Depending upon the procedure, the resulting product is either a large CBD crystal or a fine white powder. The extraction process removes all active compounds of the hemp plant. The refinement process strips the rest of the phytocannabinoids and any other unwanted plant matter, leaving behind nothing but the hemp derived CBD compound in its purest form.

CBD isolate is becoming a versatile and compelling option for CBD use by adhering to the mainstream development of CBD infused goods and products. Most appreciated by people wanting to experience the natural hemp plant's therapeutic benefits, without the potential psychoactive effects.

## Isolate Process

Produce hundreds of kilograms of CBD isolate with extraktLAB isolate production system. The CBD isolate lab kit includes all of the equipment required to manufacture isolate at approximately 1.9 kg/hour.

- 1.** The starting distillate material is heated in order to make the solid a liquid. The liquid can then be mixed, heated and dissolved into an organic solvent.
- 2.** Once the distillate is dissolved in the solvent, the chiller is turned on and begins to cool the mixture while stirring.
- 3.** The solution will cool to temperatures below -20°C and begin to form crystals.
- 4.** Once the precipitation is completed, crystals are filtered from the solution and are washed in cold solvent.
- 5.** The crystals are removed from the filter and are dried under vacuum to remove the solvent.

This process will produce CBD crystal isolate that is greater than 95% pure and typically around 99% pure.

## Hemp Formulations

~~\$299~~ Free for limited time, \$90 certificate

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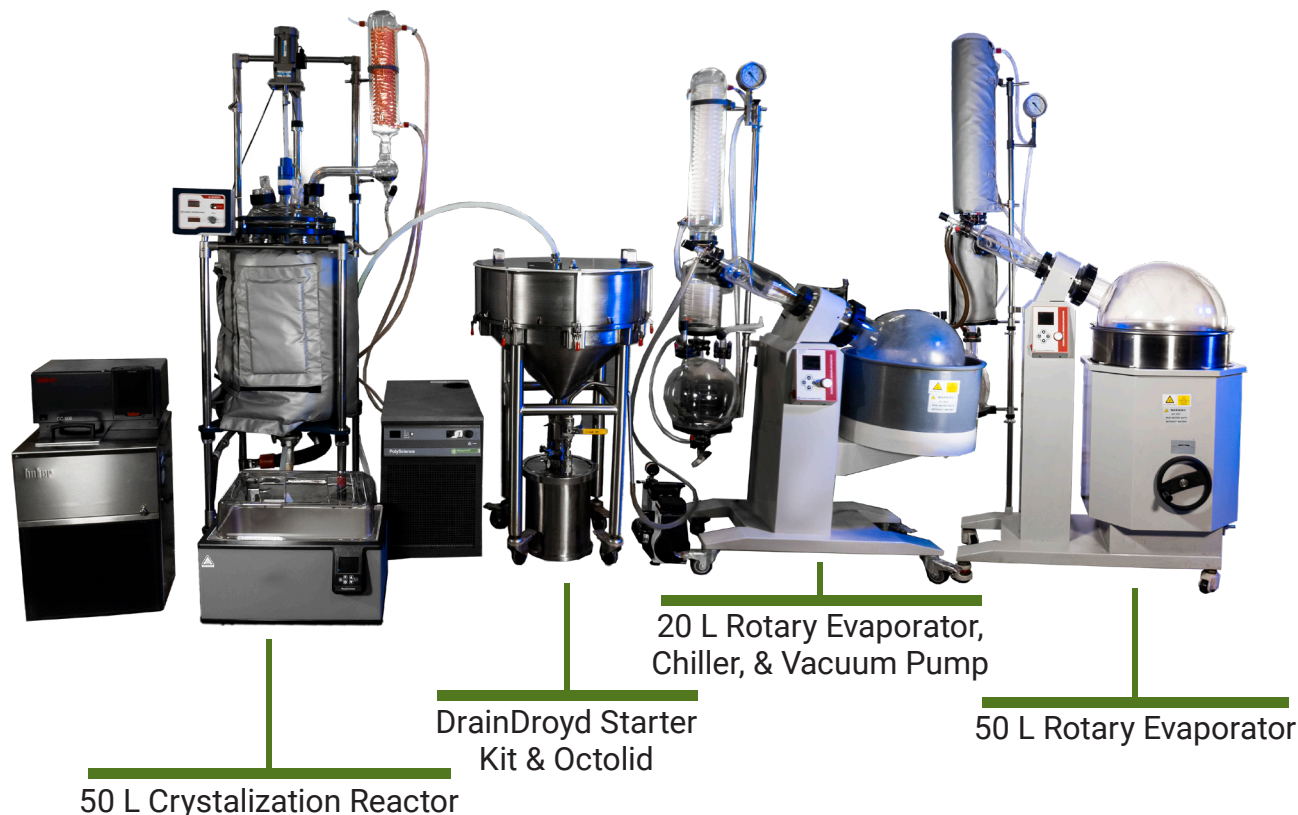
Check out our course on Delta 8 at: <https://extraktlab.com/courses/>

# Isolate Production System

## Make Your Own CBD Isolate!

With this kit you take control over the process, giving you command over the equipment used, and the methods & processes to get you producing on day one!

Requires 60-80 sq ft. The equipment is 4 ft wide, spans 15-20 ft along a fire rated wall (minimum 1 hour fire rating), and needs a 10 ft spacial clearance from any wall. This production system is assembled on site and produces approximately 1.9 kg/hr.



## FEATURES

- Lab scale kit
- Certifications: UL Listed Equipment, CE, ATEXII
- Installation & Commissioning
- Training and SOPs
- Proprietary formulation methods and processes for THC removal from CBD distillate using crystallization process.

## THROUGHPUT

1.9 kg/hr

## REQUIREMENT

Crystal Isolate Lab Equipment

# CBD Isolate

 **extraktLAB**®

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