

# THC/101 — FREE THE THC

99.9% CBD => 25% Δ8-THC : 50% Δ9-THC : 25% Full Spectrum Cannabinoids & Terpenes

tl;dr version:

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- (1) Weigh up 1 part zeolite : 2 parts CBD in a bowl.
- (2) Stir your materials in the bowl until everything becomes a homogenous color. Empty contents into a pot.
- (3) Turn your pot on high. Put a thermometer in your pot.
- (4) Begin stirring constantly. Like, 15 seconds at a time, in 2 minute intervals, or whenever it's bubbling a lot.
- (5) Once your thermometer gets up to 130°C, stabilize temperatures by turning down the stove and be sure to maintain a temperature between 120°C - 150°C but ideally 130°C for the next 13-20 minutes.
- (6) Your federally-compliant hemp-derived full-spectrum THC oil is now ready to eat once it cools down. 😊

# Legal Considerations:

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- [H.R.5485 - Hemp Farming Act of 2018](#)
- [H.R.6645 - Hemp Advancement Act of 2022](#)
- [Shipping Marijuana, Hemp & CBD](#)
- [Publication 52 Revision: New Mailability Policy for Cannabis and Hemp-Related Products](#)
- [Correction: Publication 52](#)

# Personal Protective Equipment (PPE)

- (1) Before you get started make sure to have the correct PPE.
- (2) Not wearing protective goggles CAN result in the burning of the eyes.
- (3) Not wearing protective gloves / a coat CAN result in the burning of the skin. (130°C is quite hot.)
- (4) Keep a first aid kit and a fire extinguisher handy whenever you do chemistry, folks.

## Shopping List:

- [Goggles ~\\$20](#)
- [Heat Resistant Gloves ~\\$10](#)
- [Lab Coats ~\\$20](#)
- [First Aid Kits ~Varies](#)
- Fire Extinguisher\*

\*(Only if you plan on making a tincture, this is actually a solvent free method, friends!)

# Step #1: Weigh Up Your Ingredients

- (1) Put 1 part Zeolite Clinoptilolite † to 2 parts CBD isolate in a bowl. † †

† The Zeolite Clinoptilolite must be micronized at between 5 to 40 microns for best results! (See “Sourcing” for suppliers.)

† † (e.g. Put 50g zeolite + 100g CBD in a bowl.)



## Step #2: Homogenize + your ingredients.

- (1) Stir your materials in the bowl until everything becomes a homogenous color.
- (2) Empty contents into your pot.

† Homogenize (v.): “make uniform or similar.”

## Step #3: Temp. The Pot

- (1) Once you've figured out your first run at what mark your stove + pot combination maintain your solution at an even 130°C, consider marking the exact location of the switch. †
- (2) If you know that mark, pre-heat the pot before you empty the ingredients into it. You'll get less unknown cannabinoids and terpenes that way.

† Considering doing a test run with just enough ingredients to completely cover the bottom of your pot. You can easily scale up once you know what mark to preheat the stovetop to. Again, the mark should be where the solution is maintained at 130°C without you having to touch anything.

† † To Scale: get a VEVOR hotplate from VEVOR.com that has a temp. probe and that probe will maintain the heat automatically for you; but then you need to invest in an overhead stirrer instead of using say a blender.

## Step #4: Stir. †

- (1) Be careful not to stir too often until the bottom layer becomes liquified... it seems to take way longer to preheat if you constantly stir the thin layer touching the bottom of the pan. † †

† Hey! This is like the most important part! We're causing friction between the zeolite and the CBD isolate which is causing a Hydrogen exchange, thus hydrogenating the Cannabidiol.

† † To Scale:

1. Try a blender instead of a spoon!
2. Buy a "Overhead Stirrer" (See: Sources)

## Step #5: Temp. Solution

- (1) Once your thermometer gets up to 130°C, stabilize temperatures by turning down the stove and be sure to maintain a temperature between 120°C - 150°C but ideally 130°C for the next 13-20 minutes.
- (2) When in-between the 13-20 minutes the solution is barely boiling, it's about finished. Usually ~17 minutes for me. If there's almost no bubbles before 20 minutes, take it off the heat. †
- (3) General Rule Of Thumb: once the CBD is completely melted then start your timer for 13 minutes. We're not considered "pre-heated" until we're liquified. Inner temp. may differ from outer temp.

† Hard to say exactly what time without [Cannabis Analytics Test Strips \(CATS\)](#) & [Cannabis & Hemp Reagents](#) because humidity, altitude & moisture content effects this method. ˘\_ヽ(ツ)\_ノ



*Partially cooked Zeolite + CBD cake*

## Step #6: Cool & Enjoy.

- (1) There's 450-500mg of THC per gram (1,000mg) of oil mixed with zeolite † (your solution).
- (2) Try 100mg and work your way up from there, optionally taking more after each hour if desired.
- (3) Dissolve with ethanol and filter through a coffee filter if you don't want less Zeolite in the solution. Don't forget to eat the filter later, it's probably loaded.
- (4) To get your solution up to 75%-95%+ keep an eye out for "THC/201 - Distillation", coming soon.  
If you bought this book you already will receive free access to "THC/201". 🎁

† It's generally considered *beneficial* for an average-sized adult to eat up to 3,000mg (3 grams) of Zeolite Clinoptilolite per day. Your solution is about 350mg of Zeolite per gram if you didn't wash it.



*Finished solution! Approx. 50% THC By Weight*

# Next Steps (THC/201)

- (1) Buchner Funneling Our Miscella.
- (2) Purging Our Wash Solvent.
- (3) Short Path Vacuum Distillation.
- (4) Reverse-Phase Chromatography.
- (5) ~~???~~ REPEAT STEPS #0 - #4 INFINITELY †
- (6) PROFIT!?!?

† Step #0 was *this* Standard Operating Procedure (SOP)!



200 Grams of THC Distillate

# Sourcing

Great Suppliers For Your Ingredients:

- [400g Zeolite Pure ~\\$55 \(USA\)](#)
- [400g Zeolite Pure ~\\$37 \(Australia\)](#)
- [1g CBD Isolate \(No MOQs\) ~\\$0.33](#)

Micronize Your Own Zeolite Clinoptilolite And Save Big Time:

- [22.5kg Zeolite Granules ~\\$70](#)

These aren't necessary for THC/101 but will come in handy in THC/201 and up 🙌

- [5 Gallons 200 Proof Denatured Ethanol With N-Heptane ~\\$200](#)
- [VEVOR Magnetic Stirrer Hot Plate, 2 Liter Stirring Capacity, Max 572°F Heating, 200-2000 RPM, w/ Lab Stand ~\\$150](#)
- [2 Liter Rotary Evaporator ~\\$750](#)
- [VEVOR 500ml Short Path Distillation Kit ~\\$100](#)
- [VEVOR 3000RPM Overhead Stirrer ~\\$60](#)
- [Etekcity Infrared Thermometer 1080 ~\\$20](#)
- [50 Liter Per Minute Oilless Vacuum ~\\$140](#)

# BONUS: ADDITIONAL READING

Thanks for reading until the end!

As a bonus, here's some additional reading for your consideration, absolutely FREE. 😊

- [Adam Gottlieb - The Art And Science Of Cooking With Cannabis.pdf](#)
- [Cannabis Alchemy - Art of Modern Hashmaking - D. Gold \(Ronin, 1989\) BBS.pdf](#)
- [Do It Yourself - How To Make Hash Oil.pdf](#)
- [Do It Yourself - Make And Toke Your Own Bong!.pdf](#)
- [~200MB CANNABIS BOOKS MEGA PACKS](#)