

TO TEST OILS/EDIBLES*

These products are typically decarboxylated via their production process. If that's the case, you can skip Step 1 of the instructions and move on to Step 2.

- Use 1 mL of oil or weigh 1 g of an edible (e.g., gummy, mint, hard candy, etc.), and add to the **extraction tube** along with the **extraction solution**.
- Mix until dissolved and well combined, and then follow the same instructions as you would with flower.
- As a final step, divide potency results by 10 (e.g. if your oil or edible test results are 20% CBD, the actual potency is 2% CBD).

*CAUTION: natural or artificial colouring in edibles/oils may impact test accuracy.

TO TEST HIGH POTENCY EXTRACTS

If your extract is not decarboxylated, follow Step 1 of the testing instructions and then weigh out a 0.1 g sample. If your extract is already decarboxylated, skip Step 1 of the instructions and proceed to Step 2.

- Place 0.1 g of the sample in the **extraction tube** and add the **extraction solution**, following the same instructions as for flower.
- If you believe your sample is greater than 24% CBD, simply double the amount of solvent when preparing your sample, and then double the results. For example, if you double the solvent and get a result of 16% CBD, the sample contains approximately 32% CBD.
- For extremely high CBD concentrates, quadruple the amount of solvent, and then quadruple the results. For example, if you quadruple the amount of solvent and get a result of 20% CBD, your concentrate is approximately 80% CBD.

SAFETY INFORMATION

1. The kits use chemicals that may be dangerous to inhale, ingest, or touch. Read the **material safety data sheets** available for download at plantchek.com.
2. Use in a well-ventilated area or under a fume hood.
3. Wear gloves at all times.
4. Minimize exposure by keeping lids and caps on tubes as much as possible – only open as necessary, and always hold tubes when open to prevent spills.
5. Indicator dyes in test kits may stain if spilled.
6. When you combine your sample with the THC or CBD testing chemistry, some particulate will remain in the tubes. This is normal and will not affect results.
7. Disposal Instructions (where local regulations allow): **Extract solution** contains isopropanol and other non-hazardous ingredients. May be diluted with lots of water and poured down the drain. Indicator dyes – after use tightly cap tubes of indicator dyes and dispose.

CBD

QUICK TEST

PLANTCHEK.COM



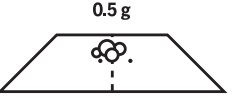
Scan for step-by-step instructions

INSTRUCTIONS FOR TESTING FLOWER

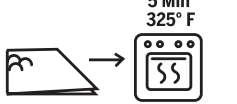
STEP 1 HEAT CONVERSION OF SAMPLE

Some cannabinoids exist in acid form (e.g., CBD-A) and must be converted to non-acid form (e.g., CBD). This can be done simply with low heat conversion, technically referred to as decarboxylation.

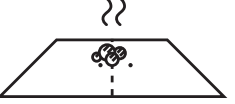
A Measure and grind ~0.5 g of sample onto a square of aluminum foil.



B Fold foil to cover/seal. Place sample in oven at 325° F for 5 minutes.



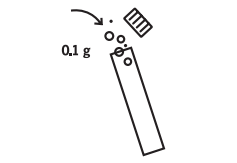
C Remove sample from oven – sample should be slightly browned/discoloured.




STEP 2 EXTRACTION

This step will efficiently extract all of the cannabinoids (e.g., CBD) out of the sample and into the extraction solution, making it ready for testing in Step 3.

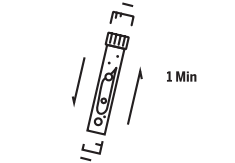
A Add 0.1 g of sample from Step 1 to Extraction Tube (blue cap).



B Use the Pippette to add 4 mL (4 x 1 mL) of Extraction Solution to the Extraction Tube (blue cap).




C Put lid tightly on the Extraction Tube and shake vigorously for 1 minute. Then let sit for 1 minute.



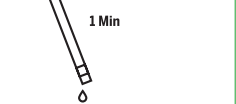
STEP 3 DETERMINE CBD CONCENTRATION

Use the CBD Test Strip to determine the CBD concentration.

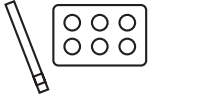
A Take out one CBD Test Strip from package. Quickly dip the strip in the solution in the Extraction Tube.



B Shake off excess fluid. Wait 1 minute.



C Compare the color of the test strip to the CBD Potency Chart. Strips should be viewed in a well-lit area. The closest match indicates the CBD% of your sample.



PHD CREATED AND PATENT PROTECTED

Founded in 2005, Compassionate Analytics is the vision of two Canadian researchers focused on developing forward-thinking scientific products and analytical services. Compassionate Analytics produces simple and accurate THC and CBD testing kits for cannabis researchers, commercial horticulturalists, and home gardeners.

CBD POTENCY CHART

Compare concentration results to the chart below to determine potency.

