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How to mix CBD isolate with Abstrax Tec-Temper	Revision Date: August 24, 2018

## **PURPOSE:**

This document is a standard operating procedure (SOP) intended for Abstrax Tech's valued customers. This SOP is meant to establish the proper guideline for mixing Abstrax terpene formulations into a CBD and Tec-Temper solution. Keep in mind this SOP is a guideline and the exact percentage of terpenes appropriate for your particular product can vary from 0.5% to 17%. This protocol is intended to be carried out by trained professionals in a licensed facility that is properly suited for this SOP. This procedure is best utilized in a designated formulation area in the licensed laboratory. All the personal and facility safety requirements should be inspected before procedure begins. It is the responsibility of the staff formulation chemist to carry out this task. It is the primary responsibility of the formulation chemist and secondary responsibility of the compliance officer to verify the SOP is followed accurately, precisely, and yields a quality product with completed data and samples made for quality control (QC) testing.

## **PERSONNEL AND FACILITY REQUIREMENTS:**

- Employees must have the following personal protective equipment (PPE) to be in the formulation area:
  - Powder-free nitrile gloves
  - Lab issued safety glasses or goggles
  - Lab issued lab coat
  - Long pants
  - Closed-toed shoes
  - Hair net (including beard net, if employee has facial hair)
  - Respirator or mask (optional)
- Employees must have these tools and materials on site to fulfill this SOP:
  - Pyrex Mixing Beaker (Volume of beaker = double the mass (g) of your final product)
  - Scale (5000g MAX, 0.01g precision)
  - Stainless Steel Micro-spatula
  - Smaller Pyrex beaker for terpene transfer
  - Mixer with clean attachments
  - CBD Isolate
  - Abstrax Terpene Blend
  - Pipette Pump
  - Glass Pasteur Pipette
  - Tec-Temper
  - Heat Gun or Hot Plate

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**Procedure:**

You would like to make a 1000 g final product formulation with 40% CBD, 10% Abstrax blend terpenes, and 50% Tec-Temper cutting agent. If you would like more or less terpenes just alter the amount of Tec-Temper used, never add more CBD or else you may not be able to fully dissolve it all.

1. Weigh out 400 grams of CBD isolate into your reaction beaker
2. Weigh out 500 grams of Tec-Temper into the reaction beaker.
3. Gently heat this mixture with mixing to dissolve the CBD isolate into the Tec-Temper.
4. Once the CBD isolate has fully dissolved, cool the beaker down to room temperature
5. Weigh 100 grams of Abstrax terpenes into the terpene weighing beaker.
6. Pour the weighed out terpenes into the reaction beaker.
7. Mix this solution for 5 minutes to ensure complete mixing.
8. Now dispense into vape carts and enjoy your CBD vape product!

\*If you'd like to try more strain formulations by Abstrax Tech shop online at [Abstraxtech.com](http://Abstraxtech.com) or hit us up on Instagram [@AbstraxLabs](https://www.instagram.com/AbstraxLabs).

\*Keep in mind these percentages are guidelines for your products based on existing large brand formulations today. These percentages can range from 1% to 17%. We encourage our valued customers to try our formulations at an initial 4% and work up the concentration from there to your acquired taste.