



## Terpene Guidance<sup>1</sup>

To all cannabis production facilities, the CCB is issuing guidance on current requirements for ingredients of inhalable menu items

The CCB currently requires that any terpene blends used are made of 100% pure terpenes, if possible, but will review on a case-by-case basis terpene formulations that are near 100%. If a blend contains additional non-terpene ingredients, it will be fully reviewed to confirm that all non-terpene ingredients are only included in trace amounts. If the terpene blend contains any synthetic ingredients, it will automatically be denied.

For terpenes that are not derived from a cannabis source but are derived from natural and/or botanical sources, the CCB will need the following information in order to determine that the product is approved for the intended route of administration:

1. The natural declaration statement for the product(s) and all ingredients.
2. A statement from the manufacturer stating that they do not add or use the following solvents/ingredients – acetone, toluene, and methanol.
3. A list from the manufacturer stating which solvents are used during the process of extraction.
4. A menu SOP that includes the ingredients list with the range percentage of each ingredient that make up the total product mixture.
5. A detailed certificate of analysis (COA), from an Analytical Laboratory, showing the solvents, heavy metals and pesticides found in the product. Summarized COAs will not be considered.

The CCB reviews all submitted Menu Requests for infused products that include terpenes from natural or botanical sources to ensure they meet the defined criteria. Terpenes are not currently classified as safe for inhalation according to the FDA Inactive Ingredient Database. Their use is permitted solely because they occur naturally in cannabis, and limited amounts does not increase consumer risk beyond consuming cannabis flower. Accordingly, terpene content is restricted to no more than 10% of the final product, which is consistent with concentrations naturally found in usable cannabis. The specific percentage of terpenes must be documented in the standard operating procedures (SOPs) submitted with the menu request in Accela.

**Please note that the following ingredients are not approved for inhalation at this time:**

- Vitamin E acetate
- Polyethylene glycol (PEG)
- Dimethylsulfoxide (DMSO)
- Medium Chain Triglycerides (MCT Oil)
- Phytol

<sup>1</sup> This guidance is intended to supersede and replace any prior terpene guidance documents.



If you are unsure if products are allowed for the intended route of administration, please refer to the FDA Inactive Ingredient Database. If the terpene company does not wish to share their proprietary information with their clients, they can send the required information directly to the CCB at [AuditInsepctions@ccb.nv.gov](mailto:AuditInsepctions@ccb.nv.gov). Anything marked confidential will remain confidential and will not be shared outside the department but will be filed for reference. If the company does not wish to hare the requested information with the CCB, the menu request will be denied due to lack of review.