



STATE OF CONNECTICUT

DEPARTMENT OF AGRICULTURE



Office of the Commissioner

Bryan Hurlburt
Commissioner

860-713-2502
agr.hemp@ct.gov

Choosing a Laboratory for THC Level Analysis

The laboratory you choose to conduct THC testing must be accredited to the International Organization for Standardization ISO/IEC 17025 standard and use a scientifically validated method for the measurement of THC in *Cannabis Sativa*, including but not limited to post-decarboxylation or other similarly reliable methods. This information should be readily available or made available by the laboratory. Laboratories in Connecticut will be licensed by the Department of Consumer Protection as controlled substance laboratories, however for DoAg, you can use any lab that meets the ISO 17025 standard.

After taking a representative sample of the hemp plot, the licensed grower is responsible for transporting the hemp sample to a laboratory for THC level analysis. (**Note: some laboratories may provide fee based sampling services**)

The laboratory performing the analysis must notify the licensed grower and DoAg via email of the final test results within twenty-four (24) hours of completion of the analysis. **Please notify the lab (copies of this document may be given to the lab) that they need to report results to DoAg and that they should contact DoAg for reporting instructions.** The email for DoAg is AGR.Hemp@ct.gov or 860-713-2502.

The final report shall include:

- The Hemp grower or processor license number
- Date the sample was taken
- The date of the report
- The date of completed analysis
- Sample identification number
- The level of THC measure, in percent on a dry weight basis and in parts per million
- The name and address of the person who submitted the sample
- The name and address of the hemp grower or processor from which the sample was obtained
- The lot or plot identification number represented by the sample
- At the request of the Department, the laboratory's uncertainty estimate for the THC values reported

The laboratory will provide a certificate of analysis to the licensed grower which must be kept with the lot at all times. The Certificate of Analysis and lot information must be provided to a manufacturer if the harvested Hemp is sold to a manufacturer. If the grower sells the harvested Hemp directly to a consumer their DoAg issued Hemp grower license number and the lot number must appear on the product label along with all other required information based on its intended use and intended consumer. (e.g. if intended to be consumed as a human food, the label must contain all the information required by the federal Food, Drug and Cosmetic Act along with what is required by Connecticut law and regulations)

If the sample fails (THC concentration greater than 0.3%), see the [Pre-Harvest Sampling](#) section of the website for further instructions.