

East Coast Cannalytics LLC

Know the Chemistry of Your Cannabis!

ECC is now accepting samples to test! Cannabinoid potency testing is offered using **High Pressure Liquid Chromatography (HPLC)** to quantify THC, THCA, CBD, CBDA, and CBN or **Gas Chromatography with Flame Ionization Detector (GC-FID)** to quantify THC and CBD only.

Farmers: Testing for cannabinoid potency on a regular basis (every 7-10 days starting four weeks after flowers appear) helps get the greatest value from your hemp crop by knowing when to harvest where the plant has as much time in the ground to mature, but before the concentration of THC exceeds the 0.3% federal limit. While GC-FID cannot distinguish the acid version (THCA, CBDA) of a cannabinoid from a neutral version (THC, CBD), some farmers may prefer using this method because many state and federal regulating agencies use GC-FID for determining compliance.



Processors: ECC can also test hemp derived tinctures, lotions, salves, smokable products, and pet products for cannabinoid potency. ECC also offers testing for purity from contaminants such as heavy metals, mycotoxins, and pesticides. Starting in the Fall 2019 residual solvents and terpene profiles will be available to processors.

If your testing needs are unique or challenging, ECC will work with you to determine the best scope of analytical testing to meet any testing needs in the hemp industry!



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