

## Typical Questions for Hemp Analysis

GEL Laboratories, LLC (GEL) tests for nine cannabinoids using HPLC, heavy metals using ICP-MS and CVAA and pesticides using GC. GEL is ISO/IEC 17025 certified to perform these analyses.

### How much sample is needed for analysis?

#### Cannabinoids

Approximately 2 -3 grams of dried plant/flower material or 20 grams if the material is fresh. If fresh material is sent, the lab will air dry it for 2-3 days and this will add to the overall turnaround time. For oil samples, the lab requires 1 ml.

#### Heavy Metals

Approximately 2 -3 grams of dried plant/flower, fresh plant/flower or 1 ml for oil samples.

### How do I ship the samples to GEL?

**Dry plant material:** Ship in sealed Ziplock bags or other suitable containers.

**Fresh plant material:** Ship in a paper bag that is stapled closed or sealed cardboard box. Do not use plastic for fresh material as the sample may degrade and become soggy during shipment.

**Oils and tinctures:** Ship in glass or plastic containers which are placed in bubble wrap or other padding prior to shipment.

All samples need to be clearly labeled and packed in a crush proof box or padded envelope.

### What information is needed with the sample shipment?

A copy of your Grower or Processor Permit from your respective state.

A copy of your signed quote from GEL.

A completed and signed Chain of Custody form. This form is enclosed with the quote you receive from GEL.

### Who do I contact if I have any questions?

#### Project Manager:

Jake Crook at 843-769-7376, ext. 4422

#### Hemp Lab Group Manager:

Cameron Bearden at 843-769-7376, ext. 4275

### How do I get samples to GEL?

Deliver direct or ship via United States Postal Service (USPS) to the attention of Jake Crook at:

**GEL Laboratories, LLC**  
**2040 Savage Road**  
**Charleston, SC 29407**  
**Phone: (843) 556-8171**

Note: Effective January 20, 2020, FedEx allows the shipment of legal (CBD) products within the US through FedEx Ground, Express and SameDay Networks.

**UPS and FedEx prohibits the shipment of hemp plants and raw hemp plant material.**

### How do I pay for the analysis?

Payment prior to release of data is required unless you have completed a credit application and have approved credit with GEL. Therefore, due to the quick turnaround time requested for hemp analysis, **it is recommended that a check or credit card be provided to the laboratory for full payment at the time of sample receipt so that your data can be reported to you as soon as all tests are completed.** For credit card payments, please contact Elaine Booker at 843-556-8171.

### How do I get the results of the data?

Results will be e-mailed to you in the form of a Certificate of Analysis. Look for these results in an e-mail sent to you from

[data@gellaboratories.com](mailto:data@gellaboratories.com).

### What happens if the sample contains Total THC above 0.3%?

GEL will notify you and will destroy any remaining sample and document this in accordance with SC Department of Agriculture requirements.