

## Pennsylvania Industrial Hemp Sample Collection Protocol

**Supplies:** Paper bags – (lunch size)  
Scissors or clippers – (Scissors work very well to clip buds)  
Marker – (for identifying sample numbers of bags)

**Forms:** Lancaster DHIA Hemp Potency Analysis Request Form and Shipping Guidelines for Industrial Hemp, plus Receipt for sample Chain of custody. **Put forms in Ziploc bags (Copy of Permit, Hemp Potency Submission form filled out in detail, Payment information)**

**Shipping:** Follow the **Shipping Guidelines For Industrial Hemp Form**

**When to Sample:** Certified Analysis sample collection should be done between 70-80 days after planting. Some varieties may go a little longer for development of the buds and flowers.

**How often to sample:** You can sample as often as you feel necessary to get the best quality product while staying in government guidelines.

You may test anytime you want certified results to be used for when you are approaching harvest time or after drying time is completed for the buyers or proof of the quality of your finished product.

You will be given a COA (Certificate of Analysis) every time you test but it will be required for us to send the test to the PA Dept. of Ag when in the window of 70-80 days since planting for PA growers. If you are in another state we can also send to the required government agency.

**How to Sample:** The plant sample will consist of only flowers or buds clipped from the terminal points of the plant, usually 1- 2 inches per plant with minimal stem material. Collected material should be placed directly into the sample bag when cut from the plant. An average of 50-80 flowers or buds will be required. (If duplicate samples are requested a sample for the same plant or a neighboring plant should be collected and bagged in a second bag.)

The sample will be a composite of plant flowers collected from random plants from representative quadrants of the planting for each variety or field location. Sample will consist of plant flowers and buds. For fields less than 5 acres, field quadrants should be determined by dividing the variety plot into 10 sections of similar size. Efforts should be made to collect a similar sized representative sample of sample material from a cross section of each quadrant. For larger plantings, or locations with the same variety planted in multiple fields, you have discretion to select the number of sampling points necessary to obtain a sample representative of the variety at that location.

Samples should be placed in a new paper bag. The paper bag will be labeled with the sample number using an indelible marker. The sample number will be in the following format. Permit # – Sample #- Sub #. You should also date the bag and print the variety name on the bag.

The total sample should contain **a minimum of 4 oz. of plant material** but no more than 6 oz.

Sample bags shall be closed by folding down the top with at least two folds; initialing and dating on the last fold then taping the bag closed with the tape over top of their initials securing the entire folded edge to the bag. Care must be taken to insure the paper sample bag is protected from contact with condensation.

Questions? – please call Don Brenneman at 1-855-252-7741