Scissortail Laboratories	Document No.	Revision No.	Effective Date	Expiration Date
	STLSOP-0008rev01	1	4/13/21	4/13/22
	Sampling Procedure for Cannabis Flower			
Reference Method(s): Oklahoma Medical Marijuana Authority				
Approved by Lab Director/QA Officer:				

Revision No.	Effective Date	Description of Change(s)
0	1/6/21	New Document
1	4/13/21	Updated SOP Numbering

1. Introduction:

    a. This procedure describes the OMMA approved sampling requirements for cannabis flower samples for full compliance testing. This includes the both the Test sample (TS) and Retention Sample (RS).

    b. All samples, regardless of matrix, should be submitted in their final (ready for sale) form. i.e. flower should be dried and cured, edibles should be in their finished form (flavors, frostings, etc) and weight, and concentrates should be in their finished form as they are intended to be sold (example - samples being sold as vape carts should be submitted in the cartridge, distillate.

2. Equipment needed:

    a. Stainless Steel Bowl

    b. Table top balance (able to accommodate the weight of your bowl and a maximum of 23g of flower).

c. Stainless Steel Tongs

d. Fresh 10% Bleach solution (in a spray bottle)

e. 70% Ethanol or 70% Isopropyl Alcohol solution (in a spray bottle)

f. Clean sampling containers

g. Clean gloves

h. Clean paper towels

3. Cleaning Procedure:

   a. Prepare 10% bleach solution by mixing 9 parts water to 1 part bleach. Mix well.

   b. Spray sampling tools (mixing bowl and tongs) liberally with 10% bleach solution and allow it to sit for 5 minutes.

   c. Dry with clean paper towels.

   d. Spray sampling tools with 70% Ethanol (or Isopropyl Alcohol) and allow it to sit for 5 minutes.

   e. Wipe dry with clean paper towels.

   f. Set aside on clean surface.

4. Sampling Procedure:

   a. Samples must be submitted to the laboratory in TWO sample containers with equal weight of sample in each. One sample is the Test Sample (TS) the other is the Retention Sample (RS).

   b. Selecting sampling sizes.

      a. Harvest batch size: Less than 6lbs
         i. Place clean stainless steel bowl on the table top balance and tare balance.
         ii. Using the clean tongs randomly select flower from the harvest batch until 14g has been weighed in the bowl.
         iii. Gently mix flower with tongs.
         iv. Equally separate the sample into 2 separate sample containers (7g in each).

v. Label sample containers with the Strain Name, Batch ID, Weight (g), and TS (Test Sample) or RS (Retention Sample).
vi. Seal both samples with a custody seal.
vii. A total of 14g will be submitted

b. If the harvest batch size is greater than 6 lbs use the following calculation to determine your sampling size for test sample.
    i. Harvest batch size (lbs) x 2.268 = sampling size (grams)

        Example: 8.5lb harvest batch size

        Sampling Size = 8.5 x 2.268 = 19.28g

c. Sampling Procedure

a. Place clean stainless steel bowl on the table top balance and tare balance.

b. Using the clean tongs randomly select flower from the harvest batch until the weight calculated from the above formula has been weighed into the bowl. (Using the example above, 19.28g would be placed in the bowl).

c. Gently mix flower with tongs.

d. From the bowl, weigh 7g of sample into each of the two separate sampling containers.

e. Label sample containers with the Strain Name, Batch ID, Weight (g), and TS (Test Sample) or RS (Retention Sample).

f. Seal both samples with a custody seal.

g. A total of 14g will be submitted for testing.

h. The remaining flower in the bowl can be returned to the harvest batch.