



Verde Testing / Havard Industries Medical Marijuana Sampling Protocol

Notes: In order to get a representative sample of the medical marijuana products to be tested, there are certain sampling methods and precautions that must be followed to ensure that samples are an accurate representation of the batch, and that they are not contaminated or degraded during collection and transport. This document will outline the method required to collect samples and meet statistical criteria for an accurate representation of the batch, as well as comply with current OMMA standards for sample collection.

OMMA regulations specify that 0.5% of the product be sampled at random locations in the harvest or production batch, and the lab samples are pulled from this 0.5% of the collected batch. Once the lab sample is pulled, the remaining product that was not collected as a lab sample can be returned.

It is important to note that the product should be tested in its final form (i.e. cured flowers, packaged edible, packed extracts) for Oklahoma compliance testing.

Product Type	Batch Size	Test Requirements
Flower (sold as flower)	15lbs / strain	Flower Compliance Panel
Flower (sold for processing)	50lbs / strain	Flower Compliance Panel
Concentrate (sold to dispensary - ex wax, shatter)	4L (liquid) or 9 lbs	Batch A Compliance Panel
Concentrate (being sold to another processor for final processing)	4L (liquid) or 9 lbs	Batch A Compliance Panel
Concentrate (being used to make finished good by same processor)	4L (liquid) or 9 lbs	*suggested to test for potency
Final Product (vape, edibles, tinctures, infused pre-rolls, cookie, brownie, beverages, etc)	1000g of THC	Batch B Compliance Panel*
Non-Infused Pre Roll (Single Harvest Batch)	15lbs / strain	Pre-Roll Panel
Non-Infused Pre Roll (Multiple Harvest Batches)	15lbs	Full Flower Compliance Panel
Kief	15lbs	Full Flower Compliance Panel

Flower Compliance Panel	Batch A Compliance Panel	Batch B Compliance Panel	Pre-Roll Panel
Potency	Potency	Potency	Potency
Terpenes	Terpenes	Terpenes	Heavy Metals
Pesticides	Pesticides	Pesticides	Foreign Matter & Filth
Heavy Metals	Heavy Metals	Microbials	
Microbials	Microbials	Mycotoxins	
Foreign Matter & Filth	Foreign Matter & Filth	Foreign Matter & Filth	
Water Activity	Mycotoxins	*If the concentrate used for final product passed testing for metals & solvents then the product qualifies for Batch B testing	
Moisture Content	Residual Solvents		

Disclaimer:

This sampling protocol is intended to be a guide for good sampling practices and compliance with the OMMA regulations. It is not intended to convey an opinion or give advice.

Flower Samples:

- 1.) Fresh (non-cured) and cured samples should only be handled with clean gloves. Bacteria, yeast, and mold can be transferred from bare hands and should be avoided.
- 2.) Flower samples should be taken from 5 to 7 different places at random to ensure that the sample is representative of the batch. **Sample weight should be at least 6g, but not exceed 10g. The sample must be divided into 2 separate, equal sized samples. One labeled primary and one labeled reserve.**
- 3.) Fresh samples should be refrigerated to inhibit growth of bacteria. Freezing of samples may cause damage to the plant.
- 4.) Samples should be placed into clean airtight sample containers and sealed with tamper evident tape. Samples should be labeled with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum.
- 5.) All samples must be accompanied with a Verde Testing Transportation Manifest/COC form that is complete with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum. Samples must be relinquished by signature from the customer to the Transporter, and the time and date must be recorded.
- 6.) Transporter must sign to accept the samples, and the time and date must be recorded.

Non-Infused Pre-Rolls: (using flower from a single harvest batch that has previously passed a full compliance panel)

- 1.) Samples should only be handled with clean gloves. Bacteria, yeast, and mold can be transferred from bare hands and should be avoided.
- 2.) **Sample weight should be at least 3g, but not exceed 5g. The sample must be divided into 2 separate, equal sized samples. One labeled primary and one labeled reserve.**
- 3.) Samples should be placed into clean airtight sample containers and sealed with tamper evident tape. Samples should be labeled with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum.
- 4.) All samples must be accompanied with a Verde Testing Transportation Manifest/COC form that is complete with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum. Samples must be relinquished by signature from the customer to the Transporter, and the time and date must be recorded.
- 5.) Transporter must sign to accept the samples, and the time and date must be recorded.

Non-Infused Pre-Rolls: (containing multiple harvest batches, concentrate, flavor or derivatives)

- 1.) Samples should only be handled with clean gloves. Bacteria, yeast, and mold can be transferred from bare hands and should be avoided.
- 2.) **Sample weight should be at least 6g, but not exceed 10g. The sample must be divided into 2 separate, equal sized samples. One labeled primary and one labeled reserve.**
- 3.) Samples should be placed into clean airtight sample containers and sealed with tamper evident tape. Samples should be labeled with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum.
- 4.) All samples must be accompanied with a Verde Testing Transportation Manifest/COC form that is complete with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum. Samples must be relinquished by signature from the customer to the Transporter, and the time and date must be recorded.
- 5.) Transporter must sign to accept the samples, and the time and date must be recorded.

Kief:

- 1.) Samples should only be handled with clean gloves. Bacteria, yeast, and mold can be transferred from bare hands and should be avoided.
- 2.) **Sample weight should be at least 2g, but not exceed 5g. The sample must be divided into 2 separate, equal sized samples. One labeled primary and one labeled reserve.**
- 3.) Samples should be placed into clean airtight sample containers and sealed with tamper evident tape. Samples should be labeled with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum.
- 4.) All samples must be accompanied with a Verde Testing Transportation Manifest/COC form that is complete with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum. Samples must be relinquished by signature from the customer to the Transporter, and the time and date must be recorded.
- 5.) Transporter must sign to accept the samples, and the time and date must be recorded.

Concentrates, Extracts and Shatter:

- 1.) Samples should only be handled with clean gloves. Bacteria, yeast, and mold can be transferred from bare hands and should be avoided.
- 2.) The sample should be well mixed to ensure that the sample is consistent if possible. Samples should be taken from 5 to 7 different places at random to ensure that the sample is representative of the batch. **Sample weight should be at least 2g, but not exceed 5.0g. The sample must be divided into 2 separate, equal sized samples. One labeled primary and one labeled reserve.**
- 3.) (Precautionary at this point) Live resin samples should be refrigerated to inhibit growth of bacteria.
- 4.) Samples should be placed into clean airtight sample containers and sealed with tamper evident tape. Samples should be labeled with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum.
- 5.) An empty sample container (i.e. glass compact, silicon compact, syringe, vape cartridge) should be submitted along with the samples for each sample container submitted with sample.
- 6.) All samples must be accompanied with a Verde Testing Transportation Manifest/COC form that is complete with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum. Samples must be relinquished by signature from the customer to the Transporter, and the time and date must be recorded.
- 7.) Transporter must sign to accept the samples, and the time and date must be recorded.

Moon Rocks:

- 1.) Samples should only be handled with clean gloves. Bacteria, yeast, and mold can be transferred from bare hands and should be avoided.
- 2.) Samples should consist of 5 to 7 different pieces at random if possible, to ensure that the sample is representative of the batch. Sample weight should be at least 6g, but not exceed 20g. The sample must be divided into 2 separate, equal sized samples. One labeled primary and one labeled reserve.
- 3.) Samples should be placed into clean airtight sample containers and sealed with tamper evident tape. Samples should be labeled with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum.
- 4.) All samples must be accompanied with a Verde Testing Transportation Manifest/COC form that is complete with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum. Samples must be relinquished by signature from the customer to the Transporter, and the time and date must be recorded.
- 5.) Transporter must sign to accept the samples, and the time and date must be recorded.

Edibles:

- 1.) Samples should only be handled with clean gloves. Bacteria, yeast, and mold can be transferred from bare hands and should be avoided.
- 2.) Samples should be taken from 5 to 7 different places at random to ensure that the sample is representative of the batch. **Sample weight should be at least 20g. The sample must be divided into 2 separate, equal sized samples. One labeled primary and one labeled reserve.**
- 3.) Perishable edible samples should be refrigerated to inhibit growth of bacteria.
- 4.) Samples should be placed into clean airtight sample containers and sealed with tamper evident tape. Samples should be labeled with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum.
- 5.) All samples must be accompanied with a Chain of Custody (COC) form that is complete with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum. Samples must be relinquished by signature from the customer to the Transporter, and the time and date must be recorded.
- 6.) Transporter must sign to accept the samples, and the time and date must be recorded.

Infused Products (Oils, Tinctures, Salves, Bath Salts):

- 1.) Samples should only be handled with clean gloves. Bacteria, yeast, and mold can be transferred from bare hands and should be avoided.
- 2.) The sample should be well mixed to ensure that the sample is consistent if possible. Samples should be taken from 5 to 7 different places at random to ensure that the sample is representative of the batch. **Sample weight should be at least 2g, but not exceed 10g. The sample must be divided into 2 separate, equal sized samples. One labeled primary and one labeled reserve.**
- 3.) Perishable samples should be refrigerated to inhibit growth of bacteria.
- 4.) Samples should be placed into clean airtight sample containers and sealed with tamper evident tape. Samples should be labeled with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum.
- 5.) An empty sample container (i.e. glass compact, silicon compact) should be submitted along with the samples for each sample container submitted with sample.
- 6.) All samples must be accompanied with a Chain of Custody (COC) form that is complete with the sample name (including unique identifiers if submitting multiple samples from one lot), collection date, sample weight, and customer name at a minimum. Samples must be relinquished by signature from the customer to the Transporter, and the time and date must be recorded.
- 7.) Transporter must sign to accept the samples, and the time and date must be recorded.