

ORELAP

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Compositing Multiple Batch Samples for Harvest Lot Potency Testing

The Requirements

This section of the rule provides the maximum single batch size for useable Marijuana:

333-007-0350

Batch Requirements for Compliance Testing

(1) Usable marijuana.

A producer or grower must separate each harvest lot into no larger than 15 pound batches.

This Section discusses the sample size that must be collected from each sample batch and the table for a 15-pound batch = 34.2 g (from Appendix 2, Table 1 in ORELAP-SOP-001 Rev 3.1).

333-007-0360

Sampling and Sample Size Requirements for Compliance Testing

(1) Usable marijuana.

(a) Usable marijuana may only be sampled after it is cured, unless the usable marijuana is intended for sale or transfer to a processor or processing site to make a cannabinoid concentrate or extract.

(b) Sample increments taken must in total represent a minimum of 0.5 percent of the batch, consistent with the laboratory’s accredited sampling policies and procedures, described in OAR 333-064-0100(2).

Appendix 2, Table 2 of ORELAP-SOP-001 Rev 3.1 *“Protocol for Collecting Samples of Usable Marijuana”* gives the minimum number of increments that must be collected for each batch. For a 15 lb batch ≥ 10 increments.

Table 2 – Minimum number of sample increments for the primary sample based on batch size.

Size of batch (lbs)	≤ 2	≤ 4	≤ 6	≤ 8	≤ 10
No. of increments	7	7	8	8	9

Size of batch (lbs)	≤ 12	≤ 14	≤ 15
No. of increments	9	10	10

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This section of the regulation allows for combining subsamples from multiple batches from the same harvest lot however it does not clearly state how to do it.

333-007-0360

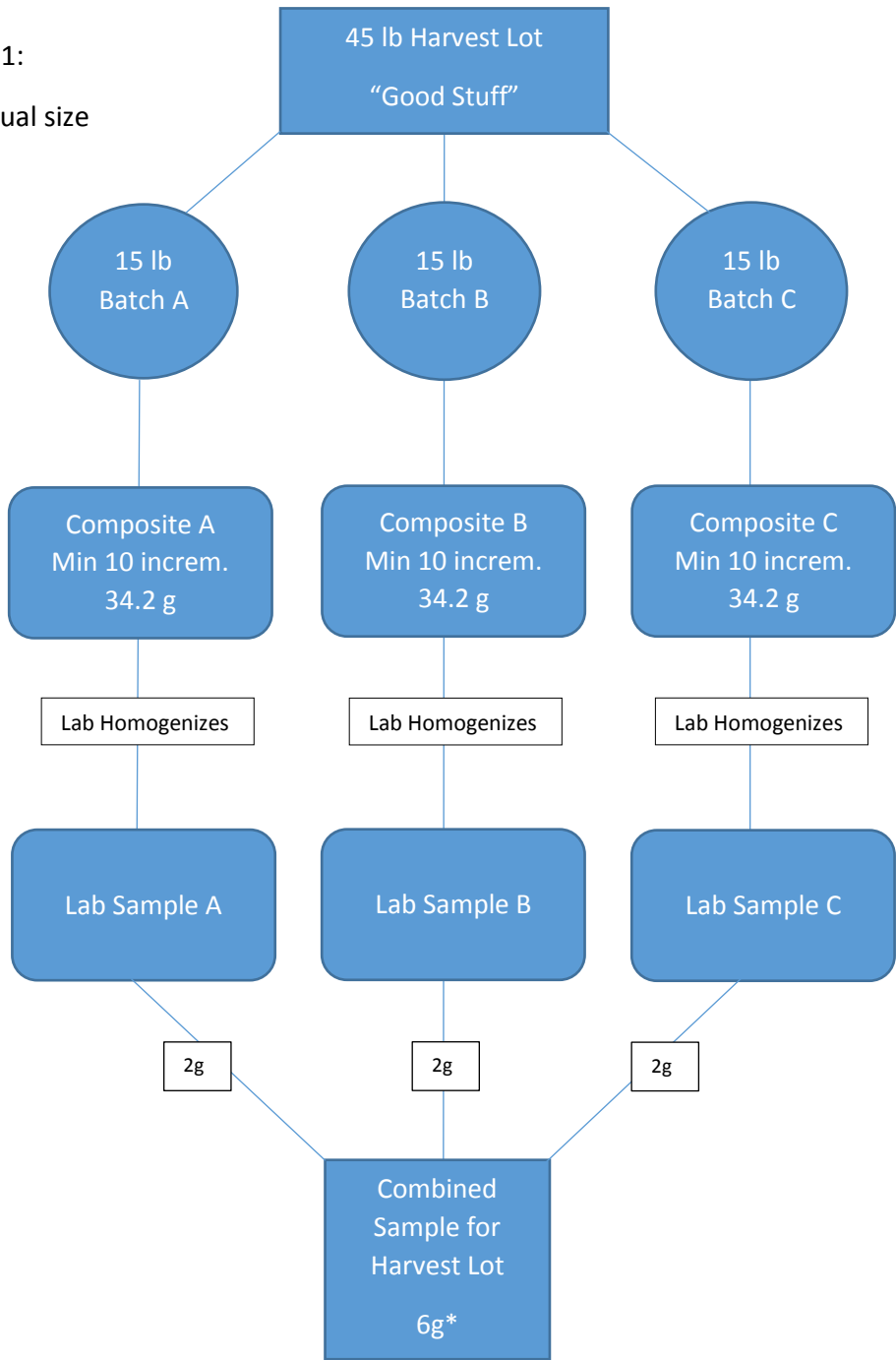
Sampling and Sample Size Requirements for Compliance Testing

(c) A portion of sample increments taken from multiple batches of usable marijuana from the same harvest lot may be combined into one sample for purposes of testing for THC and CBD if the batches are the same strain, regardless of the size of the multiple batches.

How do I combine portions of multiple batches into a single sample for potency analysis.

- 1) Increments from an individual batch are combined into a single composite sample for that batch (1 container).
- 2) This is repeated for each batch from the harvest lot; a separate container for each batch composite sample.
- 3) The samples are delivered to the laboratory for homogenization an analysis.
- 4) Each individual composite must be homogenized prior to removing any subsamples for analytical testing or combining.
- 5) Any combining of batch composites into a single harvest lot composite for potency testing must be done proportionately based on the size of the batch. If all batches were the same size (all 15 lbs) then equal portions each homogenized sample would be combined (See Examples 1 and 2).

Example 1:
All equal size

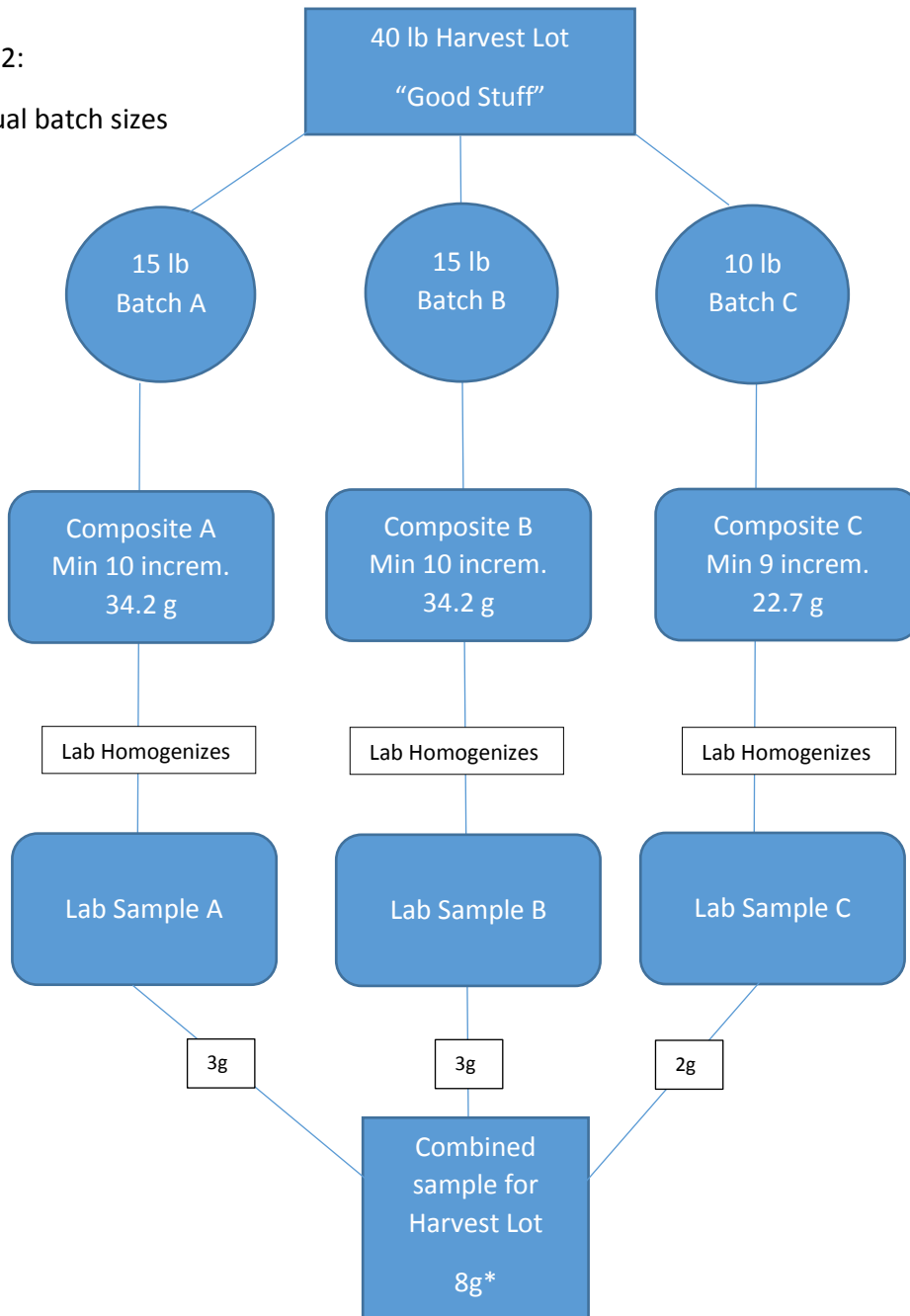


*Actual weights may vary, used as an example to show equal portions.

We recommend subsampling a duplicate in order to average the results to reduce lab variability.

Example 2:

Unequal batch sizes



*Actual weights may vary, used as an example to show proportional subsamples into final harvest lot composite.

We recommend subsampling and analyzing a duplicate in order to average the results to reduce lab variability.