

Client Guideline

Dock Sampling for Microbiological Analysis

This document is not a procedure, it is a list of suggested steps being provided to you to facilitate your creating a sampling procedure in accordance with your quality assurance program and policies. Some steps may have been taken from the USDA, FDA, EPA and CDFA sampling requirements.

It is highly suggested that you refer to the requirements of any certification programs you may participate in and/or contractual requirements that may apply to your operation to ensure that you comply with any specific sampling requirements that they may impose. If interested in additional resources or materials, please contact a microbiologist at microbiologists@primuslabs.com.

Comments:

- Be aware of your footing at all times in the dock area as the floor may be uneven or wet (these are a slip hazards).
- Be aware of machinery operating in the area in which you are sampling at all times

PROCEDURE

Preparation

- 1. Survey the lot to be sampled to develop a sampling pattern that will provide a representative sample of the entire lot.
- 2. Put on a new pair of nitrile or latex gloves.

Collecting samples

• The sample should consist of 15 sub-samples. Each sub-sample shall be selected per the attached "Suggested Commodity Sub-sample Sizes" (see Attachment A). Place each sub-sample into the sample bag.

Transportation to the Laboratory

- Place the sample in a cooler with ice packs* for transportation to the lab.
- Mark the outside of the sterile sample bag with sample identification information.
- Place the samples into a cooler with sufficient blue ice to maintain the "as-sampled" sampled condition during transport to the laboratory facility.

^{*}Do not use dry ice or water-based ice. Use pre-frozen ice packs.

Contact Information	Email Address	
Supplies	SupplyRequest@PrimusLabs.com	
Customer Service	DispatchGroup@PrimusLabs.com	Or contact us online at www.PrimusLabs.com
Analyses Available, Price Quotes	Sales@PrimusLabs.com	
Technical Questions (Microbiology)	Microbiologists@PrimusLabs.com	
Technical Questions (Pesticide Residue)	ChemistsGroup@PrimusLabs.com	

ATTACHMENT A

Suggested Commodity Sub-Sample Requirements

(For each of the 15 sub-samples, select as indicated in this table)

Commodity Sub-Sample Instructions

Commodity	Sub-Sample mstructions
Artichokes	Select 1
Avocado	Select 1
Beets (Table)	Select 1
Bell Peppers	Select 1
Bok Choy	Select 1 head
Broccoli	Select 1 whole crown with stalk if attached
Brussels Sprouts	Select 3 sprouts
Cabbage (Green, Red, Savoy)	Select 4 leaves
Cantaloupe	Select 1
Cardoon	Select 1
Carrots (Baby)	Select 2
Carrots (other than baby)	Select 1
Cauliflower	Select 1 head
Celery	Select 1 bunch
Chives	Select 1 small bunch
Cilantro	Select 1 small bunch
Collard Greens	Select 4 leaves
Corn	Select 1 ear, leave husk in place if applicable
Cucumber	Select 1 cucumber
Daikon	Select 1 daikon, if less than 5" take entire daikon, if greater than 5" cut as needed to ensure a $5" - 8"$ section
Dandelion Greens	Select 1 small bunch
Eggplant	Select 1
Endive	Select 1 head
Escarole	Select 1 head
Fava Beans	Select 2 pods
Fennel (Anise)	Select 1 bulb with leaves if attached
Gailan	Select 1 head
Grapes	Select 5 grapes
Green Beans	Select 5 green beans
Green Onions	Select 2 green onions
Honeydew Melon	Select 1 melon
Kale (Garnish)	Select 3 leaves
Kale (Oriental)	Select 3 leaves
Kohlrabi	Select 1 bulb
Leeks	Select 1 leek with leaves if attached
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ATTACHMENT A

Suggested Commodity Sub-Sample Requirements

Lettuce (Butter, Boston, Bibb)	Select 5 leaves
Lettuce (Head, Iceberg)	Select 5 leaves
Lettuce (Red & Green Leaf)	Select 5 leaves
Lettuce (Romaine)	Select 3 leaves
Mango	Select 1 mango
Mint	Select 1 small bunch
Mustard Greens	Select 4 leaves
Napa Cabbage	Select 3 leaves
Onions (Bulb)	Select 1 onion
Parsley	Select 1 small bunch
Peas	Select 5 pods
Peppers (Non-Bell)	Select 1 – 3 depending on size (e.g., Serrano – 3, green chile – 1)
Radicchio	Select 1 head
Radishes	Select 3 radishes
Romanesco	Select 1 head
Snap Beans	Select 3 beans
Snow Peas	Select 5 pods
Spinach	Select 4 leaves
Strawberries	Select 5 strawberries
Summer Squash	Select 1 squash
Swiss Chard	Select a bunch of chard equivalent to ¼ pound.
Tomatillos	Select 1
Tomatoes (Cherry)	Select 2
Tomatoes (Grape)	Select 3
Tomatoes (all others)	Select 1
Tree Fruit	Select 1
Turnip Greens	Select 3 leaves
Watercress	Select 4 leaves
Watermelon	Select 1 melon