

Pure Primer: Viable Sampling Technique for Sterile Compounding

Training Description

Viable Sampling Technique for Sterile Compounding is a half-day remote, live training that includes a surface sampling competency utilizing a state-of-the-art surface sampling competency kit. Lectures are combined with a hands-on skill building activity and the training culminates with the surface sampling competency assessment.

This Pure Primer is designed to provide the necessary training for sterile compounding personnel to collect their own viable air and surface samples. It is appropriate for those who are responsible for the viable sampling program and those who would be performing the sampling. These individuals could be pharmacists or pharmacy technicians. Training covers USP General Chapter <797> air and surface sampling requirements and focuses on industry best practices.

Attendee Benefits

- Copies of the lecture slides
- Pure Microbiology Tools
- Attendance certificate
- Competency results

Facility and Materials Requirements

Pure Microbiology will provide the competency kit and cover the cost of incubation and analysis. The learner must have the ability to join a GoToMeeting presentation and have available:

- At least 10 TSA with lecithin and polysorbate 80 contact plates
- Viable air sampler
- Air sampling media (contact or settle plates, depending on the air sampler)
- Sterile 70% IPA and wipers
- Sterile gloves
- Cleanroom gown or coverall normally worn during sample collection
- Marker
- Clean, uncluttered area to perform the competency test
- Shipping container and packing material

The learner is responsible for the cost to ship the competency samples to the contract lab.

Instructor Biography

Abby Roth, CMQ/OE, founder of Pure Microbiology, has been supporting the testing and consulting needs of the pharmaceutical, medical device, and compounding industries since 2004. Her background in pharmaceutical microbiology includes extensive knowledge of environmental monitoring and contamination control. Abby served as a USP Compounding EC member during the 2015-2020 cycle and has been invited to speak for national organizations.

Cost per person

\$895

Learning Objectives

Viable Air and Surface Sampling Overview (USP 797)

- Discuss the general requirements of a USP <797> compliant viable sampling program.
- Explain the value and limitations of a viable sampling program.
- List other industry standards and guidance documents that aid in the development of an effective program.
- Identify suitable media based on sampling needs.

Sampling Technique (USP 797)

- Recognize sampling equipment that meets the needs of a sterile compounding pharmacy.
- Recall the steps for collecting viable air and surface samples.
- Describe the proper technique for opening, manipulating, using, and repackaging media.

Skill Building: Viable Air and Surface Sampling Technique (USP 797)

- Properly load and unload a viable air sampler.
- Collect surface samples without inadvertently contaminating the sample.

Performing a Sampling Session (USP 797)

- Identify the necessary equipment, materials, and documentation that must be gathered to execute a viable sampling session.
- Describe the best sampling order to maintain the integrity of the samples and environment.
- Explain how to prepare samples for incubation or laboratory submission.

Competency Testing Notes

- Participants are provided with a surface sampling competency kit. This kit assesses the individual's ability to adequately recover viable microorganisms from a surface, as well as their aseptic technique.
- During the competency test, the instructor will review the proper use of the competency kit.
- The learner performs the competency and submits the samples to the lab for analysis.

Agenda

15 minutes	Welcome
60 minutes	Viable Air and Surface Sampling Overview (USP 797)
5 minutes	Break
45 minutes	Sampling Technique (USP 797)
30 minutes	Skill Building: Viable Air and Surface Sampling Technique (USP 797)
5 minutes	Break
60 minutes	Performing a Sampling Session (USP 797)
30 min	Optional Competency Testing
5 minutes	Wrap-Up

Total Time 4 hours and 15 minutes