

Viable Air and Surface Sampling Onsite Live Training – Sterile Compounding

Viable Air and Surface Sampling Onsite Live Training is a half-day training held at the learner's site, utilizing both lecture and hands-on activities. It is designed to provide the necessary training to utilize an air sampler to collect viable air samples and collect surface samples as part of your viable sampling program. It is appropriate for those who are responsible for the viable sampling program and those who would be performing the sampling. Training covers USP General Chapter <797> sampling requirements and focuses on industry best practices.

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.

Facility and Materials Requirements

The facility must have a conference room or classroom, with a screen to display the lectures. A cleanroom suite, or if appropriate a segregated compounding area, should be available for the Skill Building. If the learner's location has viable air samplers available, they can be supplied by the learner. If not, air samplers will be provided by Pure Microbiology. Media must be provided by the learner.

Instructor Biography

Abby Roth, CMQ/OE, founder of Pure Microbiology, has over 17 years of experience in supporting the testing and consulting needs of the pharmaceutical, medical device, and compounding industries. Her background in pharmaceutical microbiology includes extensive knowledge of environmental monitoring. Abby served as a USP Compounding EC member during the 2015-2020 cycle and has been invited to speak for many national organizations.

Agenda

Training start time is flexible and is agreed upon between the learner and instructor.

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

Total Time 3 hours and 45 minutes