



USP Reference Standards

Learn about USP Reference Standards and how their use can benefit your work.

Course Overview

USP Reference Standards are highly characterized chemical specimens required for use in *USP–NF* compendial methods. This course offers an in-depth overview of Reference Standard types and their practical applications, as well as information on the science behind Reference Standard development, specific cases, metrology, and USP support services.

Who Should Participate

Analytical chemists, laboratory scientists and managers, QA and QC managers, compliance staff and managers in the pharmaceutical and allied industries, and regulatory managers around the world responsible for the creation and oversight of standards

Duration:	
Location:	
Format:	
Date:	
Fee:	

For More Information or to Register

Learning Objectives

- ▶ Get an update on new USP initiatives, including the *Medicines Compendium (MC)* and expanded online offerings of traditional USP publications
- ▶ Become aware of the different types of Reference Standards and the different tests and methods used for compliance with the *USP–NF* or *MC*
- ▶ Gain awareness of the Reference Standard development process that includes procurement, testing, and approvals and how the industry participates in the development process
- ▶ Understand the different Reference Standard uses for impurities, botanicals, and biologics
- ▶ Realize the relevance of the new metrological approach to quality control to stay current with present and future measurement practices and how certified reference materials are a key component
- ▶ Discover the available support for USP Reference Standards: technical support, the continued-suitability-for-use program, and frequently asked questions

Instructor(s)