

Fundamentals of Dissolution: Guidance for the Verification and Qualification of a Dissolution Apparatus

Course Overview

This one-day course will emphasize the fundamentals of dissolution testing of solid oral dosage forms and address specifics related to the qualification of USP dissolution apparatus 1 and apparatus 2. Specifically, this course is dedicated to dissolution theory and the guidance presented in *USP–NF* General Chapter <711>, the handling of dissolution data and the qualification of an apparatus to prove its suitability for use.

Learning Objectives

Upon completion of this course, you will be able to

- Understand the theory of dissolution testing presented in *USP–NF* General Chapter <711> to apply in practical application
- Explain key definitions of dissolution testing
- Set up, verify and qualify a dissolution apparatus (focus on apparatus 2)
- Use acceptance tables
- Explain the operational parameters of a dissolution apparatus that could affect dissolution results

Who Should Participate

- Dissolution chemists
- Analytical chemists
- Regulatory professionals
- Laboratory technicians who are new to dissolution or need a refresher course on the topic

USP Approved Instructor

Joseph Eaton
USP Employee since 2002
Senior Strategic Customer Development
Manager-Asia
B.S. Chemistry, Virginia Polytechnic
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Why Choose USP Education?

USP Education provides year-round courses and programs on how to effectively interpret and apply USP's internationally recognized quality standards. The standards help ensure the quality and safety of medicines, dietary supplements and foods.

USP courses are created by the scientists and experts who help develop the USP standards that are used worldwide. Courses are presented by approved instructors with practical, first-hand knowledge of the subject area and related standards. The insights they share will not only make your daily work easier, but will also connect you to an independent, nonprofit scientific body with the goal of creating a strong foundation for a healthier world.

Duration: One Day

Format: Live Webcast

Course ID: CM-711-08

Date: March 16-18, 2021, 10:00 a.m.-12:00 p.m. JST

Fee: US\$398
Early Bird price valid through February 28: US\$99

Register: Contact your USP Authorized Distributor or visit <https://uspharmacopeia.csod.com/default.aspx?p=uspharmacopeia&c=GP&dlink=%2fDeepLink%2fProcessRedirect.aspx%3fmodule%3dlodetails%26lo%3dae75f90-b3e1-47b0-af6b-f36256286cb4>