

# Official USP Dissolution Course: Dissolution: Theory and Best Practices

23 & 24 November 2009

SOTAX AG in Allschwil - Basel, Switzerland



**10 % Early Bird Discount**

## Course Description

This two day course provides focused, relevant instruction on the fundamentals of pharmaceutical dissolution testing as described in USP General Chapter <711>. Gain an overview of the theory, practice, and history of dissolution. Learn the practical aspects of conducting dissolution tests, best practices, and performance verification testing.

## Who Should Participate

Scientists, chemists and laboratory technicians who perform dissolution testing in the laboratory, QC and product development professionals who review dissolution data

### Lecture Topics: Day 1

- ▶ Dissolution History  
Historical Highlights from 1897 to the Present  
Current Approaches: the ISO Framework  
The Responsibility of USP
- ▶ Dissolution Theory  
Dissolution Equations  
Factors influencing Dissolution Rates  
Significance of Dissolution Testing
- ▶ Performance Verification Testing  
Analytical Instrument Qualification and ISO Standards  
Performance Verification Testing and Performance Qualification  
Elements of Routine Maintenance  
Mechanical Calibration  
Sources of Error
- ▶ Dissolution Best Practices  
Duties of the Analyst  
Control of Variables  
Acceptance Criteria

### Laboratory Practical: Day 2

- ▶ Check-In and Orientation
- ▶ Equipment Set-up and Mechanical Calibration
- ▶ Dissolution Tests with Apparatus 1
- ▶ Dissolution Tests with Apparatus 2
- ▶ Review of Results
- ▶ Discussion - Questions and Answers



SOTAX and USP have the right to cancel the course if there are not enough seminar participants. The registrants will be notified as soon as possible and will receive a full refund of fees paid.

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Registration is required: Seating is limited!  
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Date	23 & 24 November 2009 (Duration: 2 days)
Location	SOTAX AG, Binningerstrasse 106, CH 4123 Allschwil
Fee	Until 16 October: EUR 1'350 excluding taxes After 16 October: EUR 1'500 excluding taxes including documents, coffee breaks and lunch
Seminar language	English
Hotel Reservation	<a href="https://hotel.basel.com/SOTAX/Herbst">https://hotel.basel.com/SOTAX/Herbst</a> or <a href="https://www.basel.com">https://www.basel.com</a>

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## Registration form

Mr                       Mrs                       Title:

Name:    First Name:

Position:

Company:

Address:

  

Country:    Fax:

Phone:    E-mail:

Invoice Address:

  

Company Order Number:

Date:    Signature:

Please fill in and send to Andrea Holzherr until 16 October 2009  
(Fax +41 61 487 54 70, E-Mail [andrea.holzherr@sotax.com](mailto:andrea.holzherr@sotax.com)). Thank you.