



# Impurities in Drug Substances and Drug Products—A USP Approach

## Course Overview

USP Global Education and Training is pleased to offer its enhanced course, *Impurities in Drug Substances and Drug Products—A USP Approach*. This course integrates ICH Guidance for impurities, relevant *USP* general chapters and current industry practices. It also provides insights and practical examples on how to evaluate and manage impurities in drug substances and drug products, and addresses the evaluation of contaminants, adulterants, foreign substances and impurities in drug substances and drug products, and packaging-related extractables and leachables.

## Learning Objectives

By taking this course, you will

- Understand and learn how to apply ICH Guidance Q3A, Q3B and Q3C
- Comprehend *USP* General Chapters <232>, <233>, <466>, <467> and <1086>
- Evaluate contaminants, adulterants, foreign substances and impurities in drug substances and drug products
- Understand extractables and leachables

## Who Should Participate

Analytical scientists, quality control and quality assurance personnel, formulators, manufacturing scientists and CMC submission and review scientists

## Why Choose USP Global Education and Training?

USP courses are developed by “USP Subject Matter Experts”—scientists who help support the setting of USP standards used in more than 140 countries—and presented by “USP Approved Instructors”—scientists with practical firsthand knowledge of specific subject areas and proven professional presentation skills suited for the pharmaceutical industry.

**Duration:** One Day

**Location:** Lotte Hotel Seoul  
30 Eulji-ro, Jung-gu, Seoul  
100-721, Republic of Korea

**Format:** Classroom Lecture

**Date:** Friday, June 20, 2014

**Time:** 9:00 a.m. – 5:00 p.m. (Registration 8:30 a.m.)

**Fee:** (US) \$300.00

Group discounts available for multiple courses. Please contact [Education@usp.org](mailto:Education@usp.org) prior to registering to obtain discount code and information.

### For More Information or to Register

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**+1-301-230-6304**. Payment can be made by credit card or check.