



# Event Agenda

Fundamentals of Lyophilization Training Course (PDA 157)

## DAY 1

**8:30**      **Welcome and Introductions**

9:00      An Introduction to Lyophilization, The Freeze-Drying Process – An Example

**10:30**      **Break**

10:45      Freeze Drying Equipment

**12:00**      **Lunch**

13:00      Basic Principles – Phase Diagrams

**14:30**      **Break**

14:45      The Freezing Process

**16:00**      **End of Day 1**

## DAY 2

**8:30**      **Recap of Day 1**

9:00      Principles of Vacuum Technology

**10:30**      **Break**

10:45      Primary and Secondary Drying

**12:00**      **Lunch**

13:00      Phase Transition Determination, Freezing Techniques

**14:30**      **Break**

14:45      Finished Product Quality Attributes, Process Engineering

**16:00**      **End of Event**