

## Cleaning Validation Seminar Syllabus Rev.1

### Cleaning Validation Seminar

Module	Topics
Session Kick-Off	<ul style="list-style-type: none"><li>• Introductions</li><li>• Course objectives and expectations</li></ul>
First Session	<ul style="list-style-type: none"><li>• Regulatory requirements and guidelines</li><li>• Cleaning Validation lifecycle</li><li>• Worst Case determination</li><li>• MACO Calculations based on HBEL</li><li>• Cleaning agents</li><li>• Equipment train</li><li>• Recovery</li><li>• Sampling</li></ul>
Second Session	<ul style="list-style-type: none"><li>• Analytical method Validation</li><li>• Microbiological considerations</li><li>• Cleaning Validation of Biotechnological products</li></ul>
Third Session	<ul style="list-style-type: none"><li>• Examples of Authorities Observations</li><li>• How to avoid common mistakes</li><li>• Group activity: Case study</li></ul>
Session Wrap-Up	<ul style="list-style-type: none"><li>• Feedback</li></ul>