

Success Solution for the M5 MicroLC System Syllabus

At SCIEX, our Success Solution Training follows the proven spaced learning approach to maximize learning retention. The training process includes a unique blend of self-paced eLearning, instructor-led and hands-on training provided at the customer site.

COURSE GOALS AND OUTCOME:

This SCIEXUniversity Success Solution Training provides an instructor-led training with hands-on laboratory exercises, self-paced e-Learning as well as a certificate upon completion of the final exam. This course is intended for those who have completed a SCIEXUniversity Success Program or have significant operational experience with SCIEX LC-MS systems.

This course is intended to provide a user with the knowledge necessary to successfully optimize the OptiFlow™ Turbo V ion source, create direct injection and trap and elute methods, and troubleshoot the LC-MS system.

To complete this course and earn a certificate, you must complete a final exam at the end of the course.

TRAINING PROGRAM OVERVIEW:

Your Success Solution Training includes the following:

- 5 hours of instructor-led and hands-on Training provided at the customer site by a Service Engineer
- 2 days of instructor-led and hands-on training provided at the customer site by an experienced Applications Support Scientist
- Complimentary follow-up WebEx session with an Applications Support Scientist
- Related self-paced eLearning courses, reference material and lab exercises
- Certification upon successful completion of final exam
- Access to SCIEXUniversity database of >100 eLearning courses

- Access to SCIEXNow™ online support tools available for up to 3 Learners

INSTRUCTOR-LED TRAINING TOPICS:

- **System Overview**
 - Changing solvents
 - Making connections
 - System maintenance
 - Verifying system performance
- **Introduction to MicroLC**
 - Theory and benefits
 - Modifying your method
 - Hardware Requirements
 - Best Practices
- **Source Optimization for the OptiFlow Turbo V Source**
- **Plumbing the Injection Valve**
 - Direct Injection
 - Trap and Elute
- **Creating Methods**
 - Gradient Method
 - Loading Method
 - Direct Injection Acquisition Method
 - Trap and Elute Acquisition Method
- **Method optimization for customer sample**
- **Troubleshooting MicroLC**