

How to Troubleshoot HPLC

A CPD TRAINING COURSE FROM MOURNE TRAINING SERVICES

The Culloden Hotel, Belfast

Tuesday 8th March 2011

Learn how to find solutions for problems encountered when running HPLC analysis by diagnosing symptoms and using appropriate preventative measures. This course is ideal for those who have some experience of using HPLC and now want to develop their skills further.

COURSE OUTLINE

The topics included in this training course are as follows:

- Overview of the HPLC system and how it works:
 - Mobile phase, pumps, injectors, columns, detectors & connections
- Common problems & preventative measures
- Problem solving strategy:
 - Assessing the symptoms
 - Making a diagnosis
 - Finding the appropriate solution

The course is delivered over 1 day, starting at 9:00am and finishing at 4:30pm.

LEARNING OBJECTIVES

How to Troubleshoot HPLC will enable you to go back to your lab with a full understanding of why problems may arise with your HPLC system and give you the skills and knowledge to both prevent and resolve those problems.

On completion of this training course you will be able to:

1. Understand how HPLC works and the role of each component in a HPLC system.
2. Understand how problems can arise in the individual components of a HPLC system.
3. Implement measures which prevent problems occurring.
4. Use a systematic problem-solving approach to HPLC troubleshooting.
5. Diagnose and resolve problems associated with HPLC.

MOURNE TRAINING SERVICES

is an independent training consultancy which specialises in training solutions related to chemical analysis and in particular, High performance Liquid Chromatography, or HPLC.

Your trainer is **Oona McPolin BSc, MSc, CSci, CChem, MRSC**. Oona is a fully qualified trainer and has worked as an analytical chemist in the pharmaceutical industry for over 10 years on a range of drug development projects; developing, validating and implementing analytical methods using a wide range of analytical techniques.

Oona is also the author of two books, *'An Introduction to HPLC for Pharmaceutical Analysis'* and *'Validation of Analytical Methods for Pharmaceutical Analysis'*.

WHAT PEOPLE SAY ABOUT THIS COURSE

"Very good, learnt a lot. Thank you." - Sally Housden

"Excellently presented and questions answered consistently and clearly. Problem solving sessions very useful for building up knowledge learnt on the day." - Robert Hetterley

"Excellent." - Bruce Petrie

"I am very pleased that I learned a lot of new things today and I am more confident in troubleshooting HPLC." - Anne-Marie Corina Cristea

"Very good course leader and very good course materials." - Paul de Blaquiére

BOOKING REGISTRATION FORM

Send your completed form to: Mourn Training Services, 14 Burren Road, Warrenpoint, Co. Down, BT34 3SA.
A separate form is required for each delegate. Additional forms may be downloaded from our website at:
www.mourntrainingservices.co.uk/booking_form.html. Alternatively, the form may be completed online.

Name: _____
Job Title: _____
Company/Organisation: _____
Email: _____
Tel: _____
Department: _____
Address: _____



Which of the following applies to your booking?

- Individual
 Part of a group booking

If part of a group booking please provide the name and email of the primary contact:

Name: _____
Email: _____

Has this training course been recommended to you as part of our *Refer Your Friends* Scheme?

Yes No

If yes, please provide the name and email address of the referrer:

Name: _____
Email: _____

Would you be interested in other HPLC training courses?

e.g.

Basic HPLC

Yes No

Method development

Yes No

Method validation

Yes No



COURSE FEES:

£195 + VAT per person
Discounts for groups are available

Includes: Comprehensive handouts; access to online training resources; post training assessment and certificate of training; lunch and refreshments.

CANCELLATIONS & SUBSTITUTIONS

Payment is due prior to the course start date. Registration will not be confirmed until payment is received. Discounted rates (group discounts) require that payment is made at least 14 days before the start of the course.

Cancellations prior to 3 weeks before the course date are subject to an administration charge of 25%. Cancellations received less than 3 weeks before the start of the course will not be refunded, although substitutions may be made at any time.

Contact us for more information:

Tel: 028 41773724

Web: www.mourntrainingservices.co.uk

Email: info@mourntrainingservices.co.uk

