

HPLC Method Transfer for the Pharmaceutical Analyst (1 day)

Who should take this course?

This course is for all analysts involved in HPLC, especially those in the pharmaceutical field. It is especially relevant to those analysts who work with HPLC methods developed and transferred from another laboratory. The principles, however, are equally invaluable to those involved in developing new HPLC methods or adjusting and redeveloping older HPLC methods. Whatever your involvement, this one-day course is designed to help you avoid potential pitfalls, improve overall analysis efficiency and reduce overall costs.

What does it cover?

This course is an intensive one-day course that not only comprehensively covers all of the key aspects of HPLC method transfer, but also teaches the important aspects of HPLC practice and columns. Potential quality issues (including HPLC method validation, system suitability and precision) are also covered. On this course you will discover the important factors involved in reversed-phase separations, how these factors affect retention and resolution and most importantly how they can influence your HPLC separation. In addition, the course also includes a review of the latest developments in HPLC.

What will I get from this course?

You will acquire an excellent understanding of HPLC methods and how they are influenced by a variety of factors. More importantly you will gain a better understanding of how these factors can impact on your HPLC method and discover a range of options for dealing with any resulting changes. The course will cover the key areas that can lead to potential quality issues, that all chromatographers should be aware of when working with HPLC methods (including HPLC method validation, system suitability, precision and method adjustment). Finally you also will gain a good appreciation of the latest developments in HPLC.

Course Outline

Method transfer strategies
HPLC columns
Reversed-phase HPLC
Equivalent columns

Gradient elution
Quality issues
Latest developments

Available as an in-house or off-site course. Contact us for details



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