Course

Advanced Capillary Electrophoresis Method Development, Validation & Troubleshooting

26-28 October 2026, the Netherlands

We need both the scientific knowledge and practical experience in order to develop reliable, robust and sensitive methods

This course provides you with Capillary Electrophoresis (CE) fundamentals, as well as practical best practice and tips to obtain fit-for-purpose methods. The method validation focuses on the ICH Q2 guideline, with many real-life examples from the pharmaceutical and biotech industry. Troubleshooting combines fundamental understanding with pragmatic problem solving and prevention. Although the focus is on (bio)pharmaceuticals, the principles apply for most CE methods.

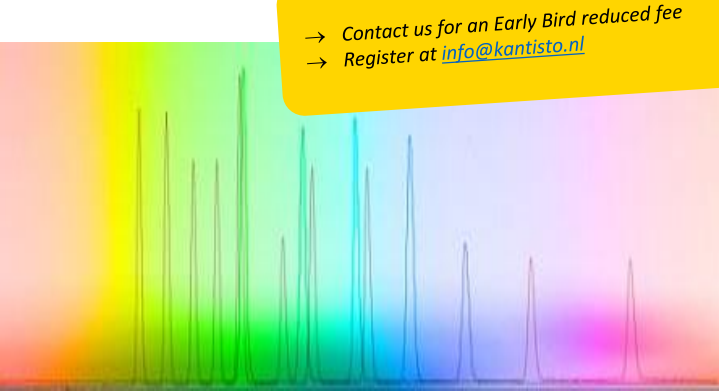
For whom

This course aims at scientists with some hands-on experience in CE and who want a better understanding of the CE techniques and are looking for practical tips for method development and validation, good working practices and troubleshooting.

Course content

- The separation mechanism
- Different modes of CE, including CZE, CGE and cIEF
- CE method development
- CE instrumental aspects and best practices
- Analytical Quality by Design and Design of Experiments
- Method validation purpose and phase-related approach
- ICH Q2 guideline for analytical method validation
- Troubleshooting and troubleshooting strategy
- Preventing the need for troubleshooting

→ *Contact us for an Early Bird reduced fee*
→ *Register at info@kantisto.nl*



Learning outcome

After this course, you will have a deeper understanding of the fundamentals and be able to couple method development and validation to the purpose of your analysis. You will be better able to develop robust, precise and sensitive methods and will have a better understanding about the critical parameters, AQbD and good working practice of CE. You will have a good understanding on the validation parameters from a CE point of view as well as from a patient safety perspective. You will be able to make a to-the-point validation protocol. Your gain in knowledge will reduce the amount of troubleshooting needed in daily practice, but if needed you will know what to do.

Course fee: €2495 + VAT. Early bird registration offers a reduced fee of €2295 + VAT. Location: easily accessible in the Netherlands. Register by sending an email to info@kantisto.nl. There is a maximum of 15 attendees, make sure you register in time!
Refund policy: Cancellations made in writing at least 3 months prior to the course start date will receive a full refund, minus a 20% processing fee. Cancellations made less than 3 months before the start date will not be refunded, but registration can be transferred to another person

Kantisto also offers on-site in-company courses and support with content tailored to you needs.

Feedback from previous courses

- *I learned what is happening inside the CE. That is in my opinion the most important to know.*
- *The course provided excellent background knowledge and information how to maintain the instrument and work according to "good CE practice".*
- *This course gave me a lot of fundamental knowledge, ideas to improve the troubleshooting process and many small things that can make a big difference by improving robustness.*
- *Cari gave simple and helpful examples to explain difficult topics.*
- *The course was very didactic. Deep understanding of our processes from the teacher and a good approach of the technique through QbD*
- *The course handouts could be my CE bible!*

Kantisto
INNOVATING PHARMACEUTICAL ANALYSIS

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