



## Certificate Course for

# Analysis of carbohydrates and aminoglycoside antibiotics

## What will you learn?

The course covers all aspects necessary to be able to successfully analyze carbohydrates and aminoglycoside antibiotics using High Performance Anion Exchange Chromatography (HPAEC) and High Performance Liquid Chromatography (HPLC) with Pulsed Amperometric Detection (PAD).

The course will cover theory of separation and detection, hands-on operation of the hardware, method development and optimization, maintenance, and troubleshooting.

- HPLC with pulsed electrochemical detection
- Principles of HPAEC
- Separation, detection pitfalls and how to avoid them
- Trouble shooting and maintenance
- EP and USP requirements

## Who is this course for?

The course is designed for lab professionals who are starting to work with HPLC and pulsed electrochemical detection (ECD) for carbohydrate or antibiotics analysis. No ECD experience is required, a basic understanding of HPLC and data acquisition is an advantage.

## Duration and schedule

Standard course: 2 days

Optional: +1 day to discuss specific applications (limited capacity).

The course is scheduled for the following dates: *see website*

## Certification

Each participant receives a certificate after completing the course.

## Registration

Please email [info@antecscientific.com](mailto:info@antecscientific.com) for registration and costs.

## Training venue

Antec Scientific, Hoorn 131, 2404 HH Alphen a/d Rijn, The Netherlands

## Terms and conditions

Payment: within 30 days of invoice.

Cancellation: 50% refund between 8 and 4 weeks prior to start of the course. No refund: shorter than 4 weeks prior to course.

If you are unable to attend after signing up, a colleague may participate instead.

Antec reserves the right to cancel any course where minimum enrolment is not met. All course schedules and course fees are subject to change without prior notice.



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