



GMP Webinar Series on Validation in Pharmaceutical Analysis

Accuracy, 29 May 2020, 10.00 – 11.30 h CEST

Impurities Determination, 19 June 2020, 10.00 – 11.30 h CEST

Precision, 22 June 2020, 14.00 - 15.30 h CEST

Calibration (Linearity), 29 July 2020, 14.00 – 15.30 h CEST



GMP Webinar Series on Validation in Pharmaceutical Analysis

Calibration (Linearity)

Date:

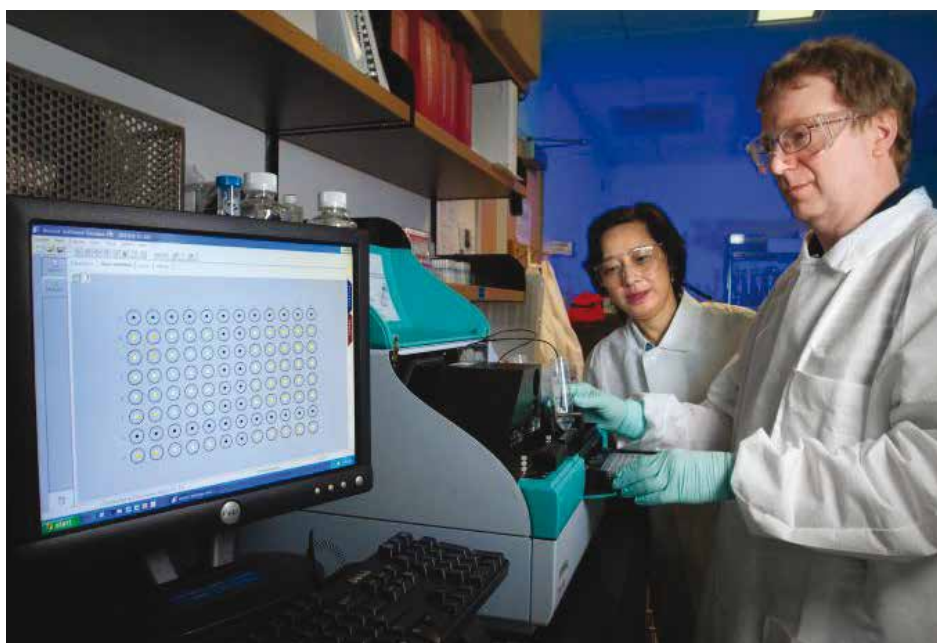
Wednesday, 29 July 2020, 14.00 – 15.30 h CEST

Speaker:

Dr Joachim Ermer, Sanofi

ECA has entrusted
CONCEPT HEIDELBERG with the
organisation of this webinar.

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Background

According to EU GMP Guide Part 1, Chapter 6, Quality Control (6.15) and US 21 CFR 211.194, analytical procedures must be suitable for their intended purpose. The regulatory requirements to validation of analytical procedures utilised for release and stability studies of drug substances and drug products are described in the ICH guideline Q2(R1). However, its degree of detail is rather low and the discussion is mainly focused on chromatographic methods. The latter is one of the reasons for the just started revision of the guideline, as well as inclusion of lifecycle and risk management aspects, which gained increasing attention in the last years.

Educational Objectives

Besides regulatory expectations, the Webinar series provides practical recommendations and orientation for demonstration of the suitability of analytical procedures. A rational and efficient validation approach is ultimately based on the respective routine application, which should be reflected in the validation design. This includes the identification of the relevant performance parameters, the selection of appropriate tests and calculations and, in particular the establishment of acceptance criteria for the evaluation.

The following topics will be covered in the part „Calibration“:

- Regulatory requirements
- Correlation or calibration?
- Requirements to calibration models (linear single-point and multiple-point calibration, non-linear calibration, standard addition, internal calibration)
- Suitable strategies to validate calibration models (linearity)
- Statistical calculations (regression, suitable parameters)
- Acceptance criteria for calibration function (residual and sensitivity plot) and ordinate intercept

Target Audience

The webinar is aimed at executives and employees from Quality Control, Quality Assurance, and regulatory who want to gain a better understanding of the GMP requirements as well as current trends and are interested in practical recommendations for an efficient design, execution, and evaluation of a successful analytical validation.

Speaker



Dr Joachim Ermer, Sanofi, Frankfurt, Germany

Dr Ermer is Head of QC Lifecycle Management Frankfurt Chemistry and Sanofi Global Reference Standards Coordinator. Dr. Ermer has almost 30 years of experience in pharmaceutical analytics in drug development, global quality functions, and head of industrial QC. He is member of the USP Analytical Procedure Lifecycle Expert Panel, of the Ph.Eur. Working Group Chromatographic Separation Techniques and of the EFPIA support team for the revision of ICH Q2/Q14. Dr. Ermer authored more than 50 publications on analytical topics and is editor and author of the two editions of the book "Method Validation in Pharmaceutical Analysis. A Guide to Best Practice" (Wiley-VCH, 2005 and 2015).

Fees (plus VAT)

Single participation: € 199,- for ECA Members
Single participation: € 249,- for non-ECA Members
(This fee does not include the ECA Membership. You will find more about the ECA Membership at <https://www.gmp-compliance.org/about-the-academy>).

Participation of a Group

You have colleagues who also want to participate in the webinar? Then register yourself and your colleagues as a GROUP! You can view the webinar either together (e.g. in a conference room, etc.) or also each individually on your own PC.

Group Participation (fee per person):

3-10 Persons EUR 211,65
11-20 Persons EUR 186,75
more than 20 Persons EUR 161,85

Registration

By mail, fax, e-mail or online on the Internet at www.gmp-compliance.com. In order to avoid misunderstandings, please indicate the exact address and the full name of the participant. You will receive your access data by e-mail in due time prior to the event.

Technical Requirements

For our webinars, we use Cisco WebEx, one of the leading suppliers of online meetings. At <http://www.webex.com/test-meeting.html> you can check if your system meets the necessary requirements for the participation at a WebEx meeting and at the same time install the necessary plugin. Please just enter your name and email address for the test. If the installation is not possible because of your rights for the computer system, please contact your IT department. WebEx is a standard nowadays and the necessary installation is fast and easy.

Presentation/Certificate

The presentation will be made available to you prior to the Webinar as a PDF file. After the Webinar, we will automatically send you a certificate of participation.

Organisation/Contact

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Do you have any questions?

For questions regarding content please contact:

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For questions regarding organisational aspects please contact:

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Registration for the GMP Webinar "Calibration (Linearity)" on Wednesday, 29 July 2020, 14.00 – 15.30 h CEST, Speaker: Dr. Joachim Ermer, Sanofi
Please fax to CONCEPT HEIDELBERG, +49(0)6221 / 84 44 34 or you register online at www.gmp-compliance.org.

Please tick:

- Single Participation**
- Group Participation**
 - 3-10 Persons
 - 11-20 Persons
 - more than 20 Persons

Important:
Deadline is 12 noon on
28 July 2020

Title, First Name, Last Name

Company

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E-Mail (mandatory for your registration)

General Terms and Conditions

If you cannot attend the conference you have two options:

1. We are happy to welcome a substitute colleague at any time.

2. If you have to cancel entirely we must charge the following processing fees:

Cancellation until 2 weeks prior to the conference 10 %, until 1 week prior to the conference 50 %, within

1 week prior to the conference 100 %.

CONCEPT HEIDELBERG reserves the right to change the materials, instructors, or speakers without notice or to

cancel an event.

If the event must be cancelled, registrants will be notified as soon as possible and will receive a full refund of fees paid.

Terms of payment: Payable without deductions within 10 days after receipt of invoice.

Important: This is a binding registration and above fees are due in case of cancellation or non-appearance. If you cannot take part, you have to inform us in writing. The cancellation fee will then be calculated according to the point of time at which we receive your message. In case you do not appear at the event without having informed us, you will have to pay the full registration fee, even if you have not made the payment yet. Only after we have received your payment, you are entitled to participate in the conference (receipt of payment will not be confirmed). German law shall apply. Court of jurisdiction is Heidelberg.