ECA Academy
Your GMP/GDP Information Source

GMP Certification Programme
Certified Quality Control Manager

Speakers

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Quality Control of Starting Materials (APIs and Excipients)

Live Online Training on 05/06 February 2025

Testing and Sampling of
Incoming Active Pharmaceutical Ingredients (APIs) and Excipients

Highlights

- Regulatory Requirements for APIs and Excipients
- Current GMP Requirements for APIs, Excipients and Drug Products
- Pharmacopoeias
- Laboratory Organisation
- Sampling of Incoming APIs and Excipients
- Reduced Testing of Supplied APIs and Excipients
- Analytical Methods

Participate in 2 Workshops:
- Sampling
- Reduced Testing

Objectives

It is the aim of this Live Online Training to give practical oriented advice regarding the testing of APIs and excipients. You will learn

- who is responsible for the release or rejection of starting materials,
- how the incoming goods lab can be organised efficiently,
- which SOPs are necessary,
- in which cases test results can be taken over from the supplier's certificate of analysis,
- whether or not all test items of a pharmacopoeial monograph have to be analysed,
- whether the pharmacopoeial monographs are similar and in which cases different tests must be conducted for Ph. Eur., USP and JP,
- when a pharmacopoeial test method can be replaced by an alternative test method and in which cases this requires a variation application.

Background

Testing active pharmaceutical ingredients and excipients is one of the main tasks of the quality control units in the pharmaceutical industry. It must be ensured that the necessary tests are conducted on the incoming goods and that the starting materials are released only after their quality was judged as satisfactory.

This main goal can also be achieved by applying reduced sampling/testing. Apart from any guidance, it is still much up to the manufacturer to decide which APIs and which excipients might be subject of a reduced testing procedure.

However, since the quality of the substance has to be assured without compromise, multiple factors must be considered before the full testing of every single batch can be reduced.

Target Audience

This Live Online Training is directed at all those employees from quality control units in the pharmaceutical industry, including heads of quality control and laboratory managers, who are competent or responsible for sampling, testing and release of the starting materials used (= APIs and excipients). This course is also of interest to personnel from quality assurance and to those employees from API and excipient manufacturers who want to inform themselves about the requirements of the pharmaceutical industry on the testing of these starting materials.

Programme

Regulatory Requirements for APIs and Excipients

- Definition of APIs and excipients
- EU requirements
- FDA requirements
- Common Technical Document (CTD)
- Certification Procedures:
  - EDQM Certificate of Suitability
  - Active Substance Master File
  - US - Drug Master File
- Quality Standards: How to discern a good starting material from a bad one?
- New requirements for excipients

Current GMP Requirements for APIs, Excipients and Drug Products

- Relevant ICH guidelines
- EU regulations for Drug Products and APIs
- GMP for excipients – current expectations
- IPEC (International Pharmaceutical Excipients Council) Guideline for excipients
- EU GMP regulation for excipients
- GMP aspects of supplier/manufacturer qualification
- Challenge: risk assessment for excipients

Pharmacopoeias

- Regulatory background
- Pharmacopoeial institutions – Ph.Eur., USP/NF, JP
- CEPs
- Implementation of pharmacopoeial monographs in your laboratory
- Multi-compendial testing
- Validation of pharmacopoeial testing methods
- USP General Chapter <1226> Verification of Compendial Methods

Laboratory Organisation

- Role of the raw materials laboratory within the pharmaceutical supply chain
- Optimization of the analytical laboratory with respect to costs, time and resources (economic order size, costs of analysis vs stock keeping costs, reduced sampling and reduced testing, ABC analysis)

Sampling of Incoming APIs and Excipients

- Regulatory requirements
- Reduced Testing
- Sampling plans
- Rational for representative sample and risk analysis
- Training
- GMP-compliant documentation of sampling operations
- Practical examples

WORKSHOP I
Sampling

- Examples for generating sample procedures
- Risk assessment and Rational for representative sampling
- Calculating different optimizations (reduced sampling, reduced testing, economic order size)

Reduced Testing of Supplied APIs and Excipients

- What guidance is available on reduced QC testing?
- EU and FDA expectations?
- Supplier qualification as a prerequisite
- Other information required before you start reducing
- Can APIs and excipients be covered within the same approach?
- Who is in the driver seat, who must be involved?
- Practical execution

WORKSHOP II
Reduced Testing

- Different approaches for reduced testing
- Advantages and disadvantages
- Considerations of actual guidances and their practicability.

Analytical Methods

- Use and validation of non-compendial methods
- How to proof comparability?
- Advantages of instrumental methods versus visual methods
- Handling of deviations (Out-of-Specification results and complaints)
- Measurement system analysis
- Documentation
- Retests

Q&A sessions ensure interaction and that your questions are answered.

Emerich Grassinger
Takeda, Vienna, Austria

Emerich Grassinger headed several labs within Boehringer Ingelheim where he also led several improvement projects throughout the supply chain involving the raw material releasing process. Thereafter he joined Haupt Pharma Wuelfing, where he was responsible for Quality Control, including the raw material laboratory and the sampling of incoming goods. Since 2019 he is head of Quality Control at Takeda in Vienna, Austria.

Veronika Käser
Merck Healthcare KGaA,
Darmstadt, Germany

Veronika Käser is a pharmacist with several years of experience in the Quality Control at the pharmaceutical industry where she gained a broad range of experiences in quality topics and operational tasks in the GMP field including raw material laboratory and stability management. Currently she is team lead at the stability management team at Merck Healthcare.

Dr Reto Theiss
Merck Healthcare KGaA,
Darmstadt, Germany

Reto Theiss has more than 25 years of experience in the pharmaceutical industry and more than 20 years as a Qualified Person. Holding several QA functions in the past he is currently working as QP for Merck Healthcare KGaA in Darmstadt, Germany. Furthermore, Mr Theiss is a qualified auditor for Merck Healthcare.

Your Benefit: Internationally Acknowledged Certificate from ECA Academy

The EU GMP Guide requires: „... All personnel should be aware of the principles of Good Manufacturing Practice that affect them and receive initial and continuing training,...". This is why you receive an acknowledged participant certificate, which lists the contents of the seminar in detail and with which you document your training.


CERTIFICATE

If the bill-to-address deviates from the specifications on the right, please fill out here:

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Reservation Form (Please complete in full)

Quality Control of Starting Materials (APIs and Excipients)
Live Online Training on 05/06 February 2025

Title, first name, surname

Department | Company

Important: Please indicate your company's VAT ID Number | Purchase Order Number, if applicable

City | ZIP Code | Country

Phone / Fax

E-Mail (Please fill in)

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If you cannot attend the conference you have two options:
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German law shall apply. Court of jurisdiction is Heidelberg.

Privacy Policy: By registering for this event, I accept the processing of my Personal Data. Concept Heidelberg will use my data for the processing of this order, for which I hereby declare to agree that my personal data is stored and processed. Concept Heidelberg will only send me information in relation with this order or similar ones. My personal data will not be disclosed to third parties (see also the privacy policy at http://www.gmp-compliance.org/eca_privacy.html). I note that I can ask for the modification, correction or deletion of my data at any time via the contact form on this website.

Date of the Live Online Training

Wednesday, 05 February 2025, 09.00 to 17.00 h
Thursday, 06 February 2025, 09.00 to 17.00 h
All times mentioned are CET.

Technical Requirements

We use Webex for our live online training courses and webinars. At www.gmp-compliance.org/training/online-training-technical-information you will find all the information you need to participate in our events and you can check if your system meets the necessary requirements to participate. If the installation of browser extensions is not possible due to your rights in the IT system, please contact your IT department. Webex is a standard nowadays and the necessary installation is fast and easy.

Fees (per delegate, plus VAT)

ECA Members € 1,890
APIC Members € 1,990
Non-ECA Members € 2,090
EU GMP Inspectorates € 1,045
The fee is payable in advance after receipt of invoice.

Registration

Via the attached reservation form, by e-mail or by fax – or search and register directly at www.gmp-compliance.org under the number 21663.

Presentations/Certificate

The presentations will be made available to you prior to the Live Online Training as PDF files. After the event, you will automatically receive your certificate of participation.

Conference language

The official conference language will be English.

You cannot attend the Live Event?

We also offer many of the training courses and conferences as recordings. This means that you can watch the videos of the event „on demand" – whenever it suits you – on our web server. It is quite uncomplicated and doesn't require any software – you simply watch the video on your browser. You can find all recorded events at www.gmp-compliance.org/recordings.

Organisation and Contact

ECA has entrusted Concept Heidelberg with the organisation of this event.

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