



Pharmaceutical Impurities Workshop

Tuesday, 23 October 2018, Dreieich near Frankfurt

Agenda

09:30 Arrival and registration

Topic	
09:45	Welcome and introduction
09:55	Pharmaceutical Impurities: Overview on pharmaceutical impurities including what is an impurity, various types of impurities, regulatory guidelines and important points to consider during impurity testing
10:25	Inorganic impurity analysis workflows: Different inorganic impurities, new regulatory guidelines and how to analyze these impurities using ICP-MS will be discussed
10:50	Coffee break
11:15	Organic impurity analysis workflows: Strategies for organic impurity analysis will be shown, followed by as detailed look at various workflows available including LC-UV, charged aerosol detection (CAD) and LC-MS and discussion of pros and cons
11:45	Ion chromatography for pharmaceutical impurities analysis
12:15	Introduction to afternoon practical sessions
12:20	Lunch
13:20	Practical session - Ibuprofen impurity analysis: The group will be split into three with each small group spending 30 minutes at each station. We will investigate impurities of ibuprofen at different stations: LC station with LC and UV, CAD and MS detection.
15:00	Why use reference standards? This presentation will investigate why to use reference standards and the main points to consider.
15:30	Extractables and leachables: Definitions of an extractable and leachable and techniques employed to analyze these
15:45	Summary and wrap- up (End of the event around 16:00)

Workshop trainers:

- Mirko Pietsch – Application Specialist Chromatography, Thermo Fisher Scientific, Dreieich
- Thomas Jakoby – Application Specialist Chromatography, Thermo Fisher Scientific, Dreieich
- Kirsty Macintyre – Senior Scientist, CMC Analytical Services, LGC, Fordham, UK
- Christian Zeine – Global Product Manager Pharma Sector, LGC Standards, Wesel, Germany

The event language is German except one presentation and one part of the practical session in English.

Venue:

Thermo Fisher Scientific GmbH, Im Steingrund 4-6, 63303 Dreieich

Participation is free of charge, but seats are limited.

Please register online at www.thermofisher.com/pharma-impurities.

For questions about this event please email events.de@thermofisher.com.

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