PharmaTraining

Pharmaceutical Dissolution Testing — a 2 day course

22 & 23 May 2017

London UK

Dissolution and drug release tests are directly relevant to the safety and efficacy of many common pharmaceutical dosage forms. To achieve reliable and reproducible results, it is important that analysts understand the importance of correctly setting up and sampling from the chosen apparatus.

Course Speaker: Mark Powell

Mark is a Fellow of the Royal Society of Chemistry with over twenty years' experience as an analytical chemist. His PhD project involved the characterisation of bitumen by chromatographic, spectroscopic and thermal methods, providing a good grounding in a wide range of analytical techniques.

He then worked for five years in the environmental industry, with responsibility for the development of analytical methods capable of quantifying very low levels of pollutants in drinking water and a variety of other sample types.

Having joined Liverpool John Moores University's School of Pharmacy and Chemistry in 1997 as a Senior Lecturer, Mark was responsible for the University's MSc programme in analytical chemistry, and was also active in research and consultancy.

In 2003, he joined the newly-formed Quay Pharmaceuticals, a contract research and manufacturing organisation specialising in early-stage drug development, where he was responsible for analytical development. Since 2010, as Scientific Manager, Mark was involved more generally with drug development programmes and also established collaborations with a number of UK universities and instrument manufacturers. His work at Quay has resulted in a number of published papers and presentations at scientific conferences.

ROYAL SOCIETY OF CHEMISTRY Approved training

This course has been approved by the Royal Society of Chemistry for Continuing Professional Development (CPD)

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Pharmaceutical Dissolution Testing
22 & 23 May 2017, London UK

In addition to use of dissolution testers, this two-day course will also cover equipment qualification, development and validation of dissolution procedures.

Programme

Day 1

Why do we perform dissolution testing?
Dissolution theory, sink conditions and intrinsic dissolution rate
Dissolution and drug release testing apparatus

- Rotating basket (USP Apparatus 1)
- Rotating paddle (USP Apparatus 2)
- Reciprocating cylinder (USP Apparatus 3)
- Flow-through cell (USP Apparatus 4)
- Paddle over disc (USP Apparatus 5)
- Rotating cylinder (USP Apparatus 6)
- Reciprocating holder (USP Apparatus 7)
- Franz cell

Requirements for different dosage form types (including data interpretation)

- Immediate release
- Extended release
- Delayed release
- Transdermal delivery systems

Day 2

Dissolution equipment qualification
Dissolution method development

- General requirements
- Selection of dissolution medium
- Apparatus and agitation
- Sampling (time points & filtration)
- Assay requirements

Dissolution method validation

- Setting acceptance criteria with reference to drug product specifications
- Specificity
- Linearity/range
- Accuracy/recovery
- Precision
- Robustness
- Solution stability

Who should attend?

This 2 day course is designed for professionals new to dissolution testing and those with previous experience seeking to improve their skills and knowledge, working in the following areas

- Analytical Development
- Project Management
- Quality Control
- Quality Assurance
- Regulatory Affairs
- Pharmaceutical Development

Venue:
Hilton London Euston
17 - 18 UPPER WOBURN PLACE, LONDON, WC1H 0HT, UK
Close to Kings Cross/St Pancras and Euston Stations
Website: www.doubletree3.hilton.com

REGISTRATION DETAILS:

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Early-bird Fee: 2 day course £1080.00 (+VAT if applicable, see VAT notes)

Discounted rate for registering and paying before **23 March 2017**

Full Fee: 2 day course £1200.00 (+ VAT if applicable, see VAT notes)

VAT NOTES:

UK: Under UK law all UK-based applications are subject to VAT at the prevailing rate however most UK VAT registered companies/organisations can reclaim this tax.

EU: With effect from 1 January 2011 applications from delegates whose companies are based in EU countries will not be subject to VAT **PROVIDED THAT** valid VAT ID details are provided at the time of booking, otherwise VAT will be charged.

OTHER: With effect from 1 January 2011 applications from delegates whose companies are based outside of the UK/EU will be outside the scope of VAT, ie no VAT is charged or payable.

Methods of Payment available:

o Cheque (**Please make payable to "PharmaCourses Ltd")**

o Bank transfer o Credit/Debit Card

Data Protection

PharmaCourses Ltd gathers personal data in accordance with the UK Data Protection Act 1998 and we may use this to contact you by telephone, fax, post or email to tell you about other products and services. If you have any queries or want to update any of the data that we hold then please contact us.

Online Registration is available on our website:

www.pharma-training-courses.com

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Terms and Conditions:

Delegate fees: Delegate fees are inclusive of course documentation, refreshments and lunch. Payment of the registration fee must be paid within 14 days of commencement of the course. Upon receipt of payment, a proof of payment will be sent to you.

Cancellation Policy: Full refunds less a handling fee of £100 will be made for cancellations received in writing within 28 days of the commencement of the course. Refunds of 50% will be made for cancellations received in writing between 28 and 7 days prior to the commencement of the course. Regrettably no refunds will be made after 7 days prior to commencement of the course. Substitutions can be made at any time.

Liability: PharmaCourses Ltd reserves the right to change the programme, speakers, date or venue without notice or cancel the event. If cancellation occurs delegates will be notified as soon as possible and will receive full refund of fees paid.