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Arrangement

Automated bioburden measurements in Purified Water for Pharma

Implementation and validation of online water bioburden analyzers (OWBA) in Pharma is a huge step in automating Purified Water production with patient safety as our main priority.

IDA Conference, København V

Torsdag d. 06. juni 2024

Kl. 17:30 - 20:30

Fra 0 kr.

Tilmeld

Tilmeldingsfrist 05. juni 2024 - kl. 23:59





Kør sammen med andre deltagere

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Beskrivelse

When producing Purified Water for use in production of API, a lot of samples are taken to ensure clean and purified water with minimized bioburden. The current control strategy is to measure all parameters with either online or inline equipment for conductivity, TOC, etc. except for bioburden, which is measured by CFU. To reduce the load of CFU plates in laboratory and to take the first step to releasing safe purified water faster, Novo Nordisk is implementing Online

Water Bioburden Analyzers (OWBA). This system measures viable bacteria through their enzymatic activity to give a near real-time picture of the bioburden in water. This presentation will highlight the thoughts behind the chosen system, the challenges of the implementation phase, and give insights into the current phase of validation through a long-term study. To finalize the presentation our next steps for getting to use this system for release will be discussed with the audience.

Speaker

Sebastian Strandberg Rutell (USRZ) is from Novo Nordisk and are the engineering and operations responsible for one of the new green field factories.

He has the goal of implementing process analytically technology (PAT) and has been working at Novo Nordisk in almost 3 years.

He is one of three persons working with OWBA (Online Water Bioburden Analyzers) in the purified water production.

Agenda

17:20 - Registration

17:30 - Introduction

17:40 - Presentation - part 1

18:30 - break

18:45 - Presentation - part 2

19:25 - Wrap up

19:30 - Networking & sandwiches

This event will be conducted in english.

Make sure to unregister in case you can't participate. Otherwise you will be charged a no-show fee of 250 kr.