Invitation to Agilent Live Webinar / Microplastics Webinar Series 1

Fast and Automated Microplastics Particle Analysis by LDIR: A Live Demo

March 11th 2021 | 11:00 a.m. SGT



Microplastics Analysis in Minutes, Not Hours

This webinar introduces the recent hot topics of microplastics and Live Demo of Microplastics analysis by LDIR.

Microplastics in the environment are fast coming into focus as we are beginning to understand just how far these man-made products have infiltrated ecosystems and food chains alike. The use of plastics has been growing for decades, and now small plastic microbeads are also used in everyday products such as cosmetics, toothpaste and personal care products. Contamination in our waterways, air and food (e.g., bottled water) from these microplastics (1 micron to 5 mm in size) is gaining significant public interest due mainly to their emergence as an environmental and potential human health threat.

The new 8700 LDIR Chemical Imaging system, with a fully automated workflow for microplastics, changes the game. Gone are days where an expert spectroscopist needs to fill detectors with liquid nitrogen before setting up a complex system for a 4-hour scan, all that before the computer needs to process gigabytes of data per sample. The 8700 LDIR provides all the benefits of mid-infrared spectroscopy in one easy to use and fast solution.

Register Now

What you will learn

- · Recent Microplastics topics
- How to optimize microplastics analysis with quantum cascade laser (QCL) based infrared imaging
- A new efficient and automated workflow for microplastics analysis
- The workflow of the 8700 LDIR

Who should attend

- Microplastics researchers
- Microplastics analysts from commercial, QA or research labs seeking faster and easier analysis methods
- Those interested in contamination of wastewaters, seawater, fresh water, air, sediments, and food (such as fish, shellfish, crustaceans and bottled water)

Presenter



Darren RobeyProduct Manager: IR Imaging
Agilent Technologies



Chee Ping Wong Molecular Spectroscopy Application ChemistAgilent Technologies



Agilent Home • About Agilent • Legal • Subscriptions

5301 Stevens Creek Blvd, Santa Clara CA 95051, USA

Agilent is committed to respecting and protecting your privacy. To view the promises that we make to you regarding your personal information, please view Agilent's privacy statement. For questions related to privacy, please send your inquiry to privacy_advocate@agilent.com. If you prefer not to receive promotional e-mails from Agilent in the future, you can unsubscribe at any time. You can also update_your e-mail address, contact information, or interest profile to ensure you receive the most relevant information.

© Agilent Technologies, Inc. 2021 DE44242.9630555556







