



Invitation to Agilent Live Webinar / Microplastics Webinar Series #1

Microplastics, an Emerging Threat

June 18th 2021 | 10:00 a.m. SGT 12:00 p.m. Melbourne



Microplastics Webinar Series #1: Microplastics, an Emerging Threat

Agilent invites you to the first webinar of the two-part Microplastics Webinar Series! Join us for the joint presentation brought to you by GERSTEL and Agilent - "Microplastics, an Emerging Threat"

Abstract

Microplastics are now present everywhere in our day-to-day life from our toiletries to our clothes, from the food packaging to our smart phone covers. Should we be worried about this? And where does this come from and how do we analyze them? One major area of microplastic contamination is in the environmental water sources, such as oceans, lakes, rivers etc. This makes it a particularly challenging task to analyze, identify and quantitate microplastics for such matrices due to the presence of significant amounts of organic and mineral matter.

In this webinar, we will learn more about microplastic analysis and discuss the two techniques that are currently of interest: Pyrolysis and Thermal-Extraction Desorption (TED). TED-GCMS is especially a promising technique in microplastic analysis for environmental matrices due to its ability to handle the large sample amount which is necessary to obtain higher sensitivity.

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Presenter



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Christina Liew is currently a regional application chemist at GERSTEL LLP Singapore where she provides application and technical expertise support for automated sample preparation solution using GERSTEL MultiPurpose Sampler in various industries.

