



Agilent

Trusted Answers

Accurate Microplastics Analysis in Minutes, Not Hours



The automated Agilent 8700 LDIR chemical imaging system lets you obtain high-quality images and spectral data faster than ever before. So, you can perform confident large-scale microplastics studies and monitoring activities.

Find the needle in the haystack



Biota



Drinking water
(bottled or tap)



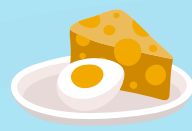
Clean
sediment (sand)



Dirty
sediment (soil)

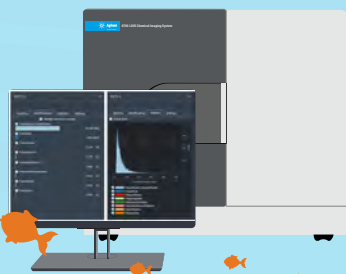


Dirty water
(river water)



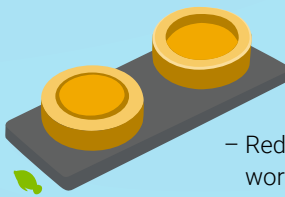
Food

Agilent 8700 LDIR chemical imaging system



- Microplastics analyzed direct on-filter
- Same benefits as mid-infrared spectroscopy
- Fast and simple to use
- Fully automated microplastics workflow

On-filter analysis: A giant leap forward in speed and throughput



- Reduce your sample preparation workflow by two steps
- Save 2-3 hours of water evaporation

Hit "play" and relax



The Agilent 8700 LDIR features a built-in automated particle analysis workflow.

- Two-sample filter holder allows samples to run overnight
- Walk-away operation lets analysts focus on other tasks
- Data generated in real time
- Full results available at end of analysis

www.agilent.com/chem/8700-lidir

DE98788406

This information is subject to change without notice.

© Agilent Technologies, Inc. 2023
Published in the USA, March 7, 2023
5994-5677EN