

IC2 Product Testing WG Subgroup - Technical Aspects of PFAS Notes | 10.02.25 at 3-4 pm ET

Participants (10): Mui Koltunov, Ivan Titaley, Kelleigh Wasser, Karna Holquist, Micheal Zahn, Chinwendu Ozoh, Sarah Briggs, Mikalah Bailey, Shaina Cohen, Stephanie Frisch

Round Robin: Updates on current PFAS testing work and new work on the horizon

- **CA DTSC:** SB682 has been passed to test for PFAS in various categories of products, the department is working on a budget change proposal (BCP) to request funding to implement the bill. For SB347, the BCP has been resubmitted to get funding to implement the bill. The lab is working with SCP to look for PFAS in flooring finishing products by measuring total fluorine by CIC.
- **WAECY:** <https://pubs.acs.org/doi/abs/10.1021/acs.estlett.5c00258>)
- **NYP2I:** Sent a handful of products for floor care, strippers, finishing, for PFAS testing to Eurofins. Open to collaborating with CA to share results on obtaining products as well as sharing some products with CA.
- **MPCA:** Starting food packaging work again. Working with manufactures in MN to narrow down and see where we can get samples from. Hopefully during the beginning of the next calendar year they'll look at PFAS in consumer products. Hired a new product tester to begin to test within 11 categories.
 - **WAECY question:** What is the plan for testing methods, 1633, matrices, analysis
Answer: With food packaging they use total organic fluorine. Also using combustion ion chromatography (CIC). Did not find extractable fluorine helpful in the past.

General Discussion:

- **NYP2I:** Saw a study using F19NMR that looked at packaging that had come back with an elevated level of fluorine hinting at an issue with extraction. Flagged PFAS as inorganic fluorine which was being misconstrued as organic.
<https://pubs.acs.org/doi/10.1021/acs.analchem.3c04404>
 - **WAECY:** F19 is viable if you have the solid state NMR. Have to use a different probe.
- **WAECY:** FDA is looking at F19NMR and Direct Analysis in Real Time-Isotope Dilution-High Resolution Mass Spectrometry (DART-ID-HRMS).
<https://www.tandfonline.com/doi/full/10.1080/19440049.2024.2423868>

Future Meetings & Action Items

- Deep dive into particular product studies and results obtained. Share and present the method, the results, and data sharing.