

## **IC2 Product Testing Workgroup Meeting Notes | August 27, 2025 at 3pm ET/ 12pm PT**

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### **Program Updates - Analytical**

- **King County**
  - WA recently passed legislation on cookware. King County is focusing on gathering lead leachate data. Working with both a Canadian consultant and UW to analyze lead, cadmium arsenic in cookware, as well as formaldehyde in hair products; total, free, and releasers. Confirming they are safer.
  - The Canadian lab tests for total content uses a mixture of laboratory analysis and XRF. WA has a more sensitive machine and can detect much lower with their methodology for analytics.
  - [Lead Content of Consumer Products tested in King County, Washington | King County | Open Data](#)
- **WA ECY**
  - Seen conflicting results with XRF. Trying to use more of the totals methods, how steady is it, are we over/under-sampling etc. Wanting to understand the range of some of those variables.
  - For compliance it's best to contact Kimberly Grieves
- **CA DTSC**
  - Continuing compliance testing in their environmental chemistry lab for various priority products

### **Collaborative Round Robin: Sharing/reviewing actual samples and methods.**

- What are our experiences with round robin testing? What projects are members of our group doing, or plan to do, that involve similar sample matrix and analytes? Can/should we share samples for round robin testing?
  - **CA DTSC:**
    - SCP had been working on testing for 1-4 dioxane in products. Developed a method to do an extraction and then test via GCMS. Arranged to swap samples with NYP2I to understand their data precision. FDA shared around 9 samples with them as well. All three labs used different extraction techniques. This round-robin was really valuable and proved that product manufacturers could do this testing and can be provided a multiplicity of options. Also, opened the spectrum of products tested.
  - **NYSDEC**

- Currently looking into XRFs for hazardous packaging, open to sharing samples and results with anyone who is interested. A lot of NY product testing is on hold right now. Wondering if anyone has had success with bromine testing with XRF in the context of flame retardants.
    - For fluorine, WA ECY did but didn't find good correlation. MPCA as well, but didn't get any detections.
    - King County are willing to share their XRF fluorine detections, which are generally above 500-1000. Usually, false positives for anything below that range.
- [Developing a portable method for screening PFAS in consumer products](#)

### **Discuss topics for future meetings and identify volunteers to lead them**

- XRF, methods: quantitative or semi quantitative, pitfalls and successes.
- Agencies or regulating bodies that have used data for enforcement purposes or case studies. What the regulated entity has said to you. Examples of defensible data.
- Handling the samples, packaging, chain of custody, preservation.
- How are people are thinking about representative sampling? Including questioning and purchasing planning. Sharing SOPs, protocols, stratified sampling etc.
  - NYSDEC used GIS to locate DACs (disadvantaged communities) and purchase 35% of their products from those communities. Also looked at adjacent communities.

### **Wrap Up + Action Items**

- Ask the group to volunteer to speak or nominate speakers for future meeting topics

### **Chat Resources**

- WA Ecology produces Quality Assurance Project Plans. Depending on the goal, studies are designed very specifically, i.e., compliance, fill data gaps, etc. [Publications & Forms](#)
- [IC2 Product Testing Workgroup Spreadsheet.xlsx](#)