KÖR LABS

Total Fluorine Testing for Food Contact Materials

PFAS Testing under the PPWR

KÖR LABS gets you there — accurately, fast and audit-ready.

THE CHALLENGE

10,000+ PFAS compounds
Standard panels test only 50–60 substances

Full panels are costly & slow
Expensive, time-consuming, still evolving

Fragmented labs & reporting
No standardised output, no clear audit trail

HOW KÖR LABS RESPONDS

Structured, risk-based pathway
Start with TF — pay only for what results require

Total Fluorine: The legally recognised first screening step

TF analysis via Combustion Ion Chromatography quickly indicates whether fluorine is present in a sample. As a screening parameter, it doesn't identify individual PFAS compounds — and it doesn't need to. A result below 50 ppm is sufficient to declare compliance. Most materials stop here. If TF exceeds 50 ppm, follow-up is targeted — not blanket. You only go deeper where results demand it.

DEFENSIBLE TESTING PATHWAY

01

TOTAL FLUORINE (TF) ANALYSIS

If TF is below 50 ppm, the packaging is legally considered compliant – no further testing is needed.

All samples that pass Step 1 are considered compliant with Steps 2 and 3.

02

(IN)ORGANIC FLUORINE ANALYSIS

If TF exceeds 50 ppm — determine whether fluorine originates from PFAS or an inorganic source (e.g. py-GC-MS).

03

TARGETED PFAS ANALYSIS

Substance level analysis e.g. LC-MS/MS of solvent extraction of packaging materials. Show compliance against 25 ppb individual / 250 ppb sum of PFAS limits.

KÖR LABS PLATFORM

One platform. No complexity.

1. **Vetted laboratory network competitive pricing, fast turnaround**
2. **Audit-ready reporting**
3. **Data intelligence — early risk detection**

GET STARTED

Ready to start your PFAS test?

Talk to our team

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