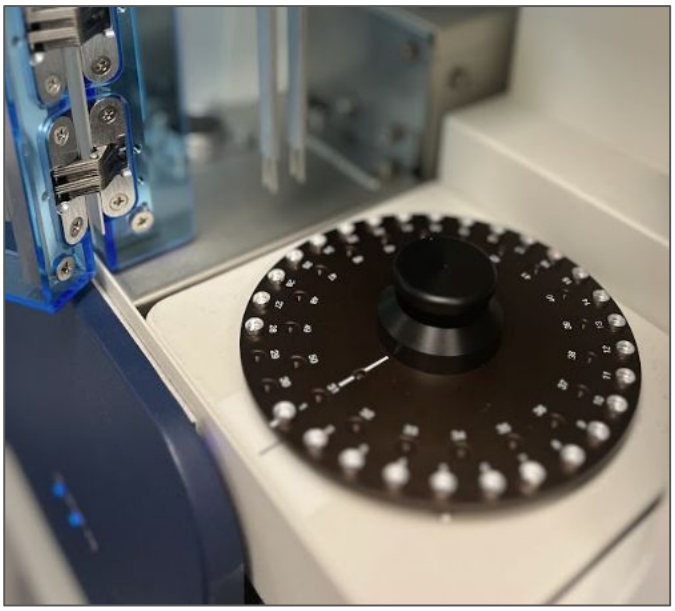
Claigan
Less Journey, More Results

ADVANCED MATERIALS MATCHING & ADVANCED FUTURE-PROOFING

CLAIGAN'S "TIME SLICER" SOLUTION

Our Advanced Materials Matching & Advanced Future-Proofing solution was created to help you solve issues related to material consistency and chemical contents.

Using the help of AI to compare data sets, we can pinpoint discrepancies between materials and identify the presence of newly regulated chemicals.



Laboratory Testing Paired with AI to Compare Materials and Identify Chemicals

THE TIME SLICER PROCESS:

A Full Range Mass Spectroscopy with over 16 different temperature and time conditions. The process follows these steps:

1. X-Ray Fluorescence (XRF) for elemental screening.
2. Fourier Transform Infrared Spectroscopy (FTIR) to identify plastic and rubber materials.
3. Thermal Desorption Mass Spectrometry (TD-MS) to analyze the material sample and generate material data.
4. We submit the primary query and raw data files, into the AI model.
5. We review the output from the AI to identify, confirm, and specify the results.
6. Our experts review the data provided and report the results back to you.

ONE PROCESS TO SOLVE ALL ISSUES RELATED TO MATERIAL CONSISTENCY

TIME SLICER SOLVES THESE QUESTIONS:

- Why are my materials not working the way they used to?
- Is my new supplier providing the same material as our current provider?
- Why is my competitor's material working differently than mine?
- My customer is reporting a problem with my material. What has changed?
- A new restricted substance was published. Is it contained in my material?

KEY TAKEAWAYS

If your company relies on crucial materials, Claigan's Time Slicer Solution can save you time and money. Get deep insight on your materials or pinpoint issues related to:

- Performance Changes
- Material Variation
- Restricted Substances

Claigan keeps you up to date and compliant with all materials regulations.