

thermoscientific

A photograph of a woman with long, wavy blonde hair and a bright smile, sitting in the driver's seat of a car. A young child with blonde hair, wearing a pink shirt, is seated in a car seat next to her, also smiling. The scene is brightly lit, suggesting a sunny day. The car's interior, including the steering wheel and dashboard, is visible.

Ensuring Protection

Sample security. Integral solutions.
We've got you protected.

ThermoFisher
SCIENTIFIC

Key comp

If security can be defined as:

The state of being protected or safe from harm

Then “Sample Security” can be defined as:

Ensuring the state of chromatography samples are protected from their loss of integrity

What does this mean for the Chromatographer?

That the reputation of your laboratory and its data is too valuable to not take every reasonable step available to ensure the accuracy, reliability, and integrity of data generated in your lab



Security evolves over time, just like your laboratory does. What was good for your lab last year just may not be at standard this year. Laboratories face an ever increasing burden of laboratory regulations and more demanding audits. Client data is coming under increased scrutiny and there's an ever evolving need to be more productive and more efficient with every second in the laboratory. Far too often, chromatography samples aren't as secure as they could be and it puts your client's data at risk.

We understand what you are going through and we have created a product portfolio that not only maintains your sample's security, but also adds value to your overall analytical workflow.

onents of sample security

Sample Labeling

The Thermo Scientific™ Virtuoso™ Vial Identification System, a first of its kind vial labeling system, allows analysts to produce automated, customized, direct on the vial, sample identification that removes the manual process of vial labeling that is so prone to human error. Because it's fully automated, not only has the laboratory dramatically improved sample tracking throughout the laboratory, it's also created a much higher throughput vial labeling process that can reduce labeling time by up to a factor of 8.

Mass Spec Certified & Certified Vials

When your analysis requires the utmost confidence and defensible data, MS Certified pre-cleaned, low particle, low background chromatography vials are essential. Thermo Scientific™ MS Certified vials undergo a proprietary cleaning process that greatly reduces the background particulates along with their potential effect on high sensitivity chromatography. Your sample can't be more secure than when you are using MS Certified sample handling products.

Crimpers

We've all lived the fear of crimping a vial and then realizing after it's made its way to the instrument and there has been a loss of sample. The culprit is most likely a poor seal of the crimp closure, and when the sample disappears so does the integrity of your results. With the Thermo Scientific™ portfolio of crimpers this doesn't have to be the case. Electronic and programmable crimpers make sure that the seal of your vial is tight and consistent for every vial you load onto the instrument; securing your sample in the vial, so you don't have to live in fear.

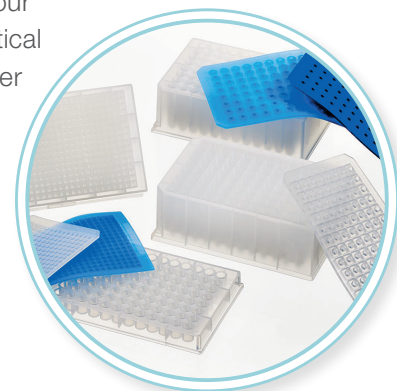
Sample Handling

Sample vials and their closures need to be more than sample receptacles, they need to improve your sample integrity and lead the way to improved analytical efficiencies. Our Advanced Vial Closure System (AVCS) technology will instantly enhance your laboratory's performance. When paired with Thermo Scientific™ SureStop™ vials, elimination of septum "push-through" that threatens to destroy sample integrity, will drive your laboratory to even greater levels of sample security.



Webseal & Well Plates

Organic samples have always created challenges for laboratories using plastic well plates and mats. The sometimes aggressive nature of the solvent can attack the well plate and create an analytical nightmare. Thermo Scientific decided to solve that problem by only offering chromatography-ready plates and mats that do not leach extractables from the high throughput sampling vessel your laboratory requires. Your analytical data using well plates has never been more secure knowing that your results won't have extraneous peaks that you have to explain.



Protect your samples as you would protect your family

Your samples may be totally different, but they need to be secured all the time.



We know how important it is to secure your samples.

We also know the comfort of being snug in the knowledge that your data is safe. With the Thermo Scientific portfolio of Sample Security products, you will have that assurance that we want the integrity of your data to be maintained as much as you do and with our focus on your sample security you can sit back and know that your lab is more secure today than it has ever been.

We've got you protected.



Check out the featured
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