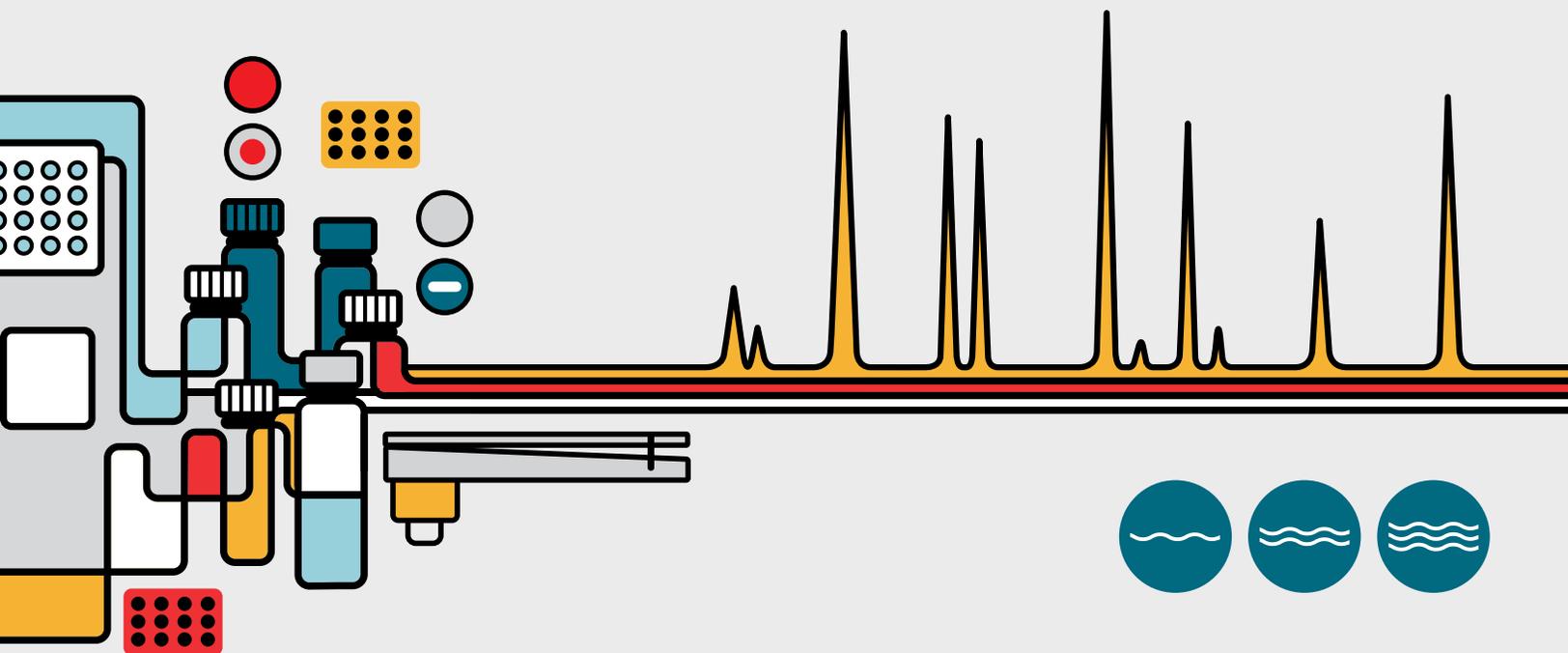


Sample security and glass adsorption



SureSTART collection

Sample security and low compound adsorption

When analyzing important and valuable samples, you need the assurance that they are “safe and secure” for testing and that there will be no losses incurred during the time they are kept in the vials—and protecting each sample during the entire analytical process is key to reproducibility, productivity and profitability.

Using our innovative technology, you can be assured that our vials prevent analyte loss from either the cap top or compound adsorption to the glass surface.

**Read our
white paper:**

Why is high glass quality so important when you want to detect low concentrations of analytes?



Low compound adsorption: GOLD-grade glass vials and inserts, ensure more compound coverage

The inert glass with the lowest adsorption surface on the market for highest recovery rates, even with critical compounds in ultra-trace concentrations and ultra-low pH shift.

Our innovative glass technology contributes to unmatched analytical performance—specifically designed for trace level analyses and critical polar analytes that are prone to glass adsorption. Our GOLD-grade glass products (in Thermo Scientific™ SureSTART™ Performance level 3) deliver:

- **Low compound adsorption for biomolecules and polar compounds**—Ultra-low adsorption glass surface enables trace-level analysis for strongly adsorbing analytes and polar compounds. It delivers the highest recovery rates with trisubstituted N-atoms and tertiary amines, as well as the lowest levels of alkaline materials for less glass-wall interactions.
- **Get out what you put in when working at trace levels**—Sample security and data integrity are key criteria for trace level analysis. Our SureSTART GOLD-grade vials and inserts are made from the highest performing glass quality, to ensure that analytes can be detected—even at the lowest detection levels.

- **Better chromatographic reproducibility due to reduced peak shifting and adduct formation**—These highly reliable vials and insert consistently deliver the ultimate purity grade and the lowest possible surface activity. You'll have the lowest alkaline content, for less glass-wall interactions. And ultra-low pH shift, due to the minimized surface activity which reduces retention time shifting.
- **Reduced cost of analysis**—Avoid sample failure and costly re-analysis using these vials and inserts, as they increase the security and integrity of your analytical results. By helping to prevent sample failures due to issues which can arise due to autosampler incompatibility.
- **Vials that meet current USPs and pharmacopeias standards**—Made of the first hydrolytic higher-grade class, special 33 expansion glass, GOLD-grade products meet current USPs and pharmacopeias.

SureSTART vials and caps



Product type	Product description	100/Pack	10 × 100/Pack	50 × 100/Pack
Kit	Convenience kit: 2 mL clear screw glass vial (9 mm short thread) with GOLD-grade glass and write-on patch, and blue screw cap (9 mm) (PP: white silicone/red PTFE septa: 1 mm thickness) with Thermo Scientific™ AVCS™ technology	6PKG592W	—	—
Vials	2 mL clear crimp glass vial (11 mm thread: wide opening) with GOLD-Grade glass and write-on patch	6PCV11G	—	—
Insert	2 mL clear screw glass vial (9 mm short thread), GOLD-grade glass with Thermo Scientific™ SureStop™ technology and write-on patch	6PSV9-1PG	6PSV9 1PGT	6PSV9-1PGF
Caps	0.2 mL clear conical glass insert (GOLD-grade glass)	6PME02CG	—	—
	Blue screw cap (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness) with AVCS technology	6PSC9ST1	6PSC9ST1T	6PSC9ST1F
	Bonded black screw cap (9 mm) (PP: white silicone/red PTFE septa: 1.0 mm thickness)	6PSC9STB1	6PSC9STB1T	6PSC9STB1F

Learn more at thermofisher.com/surestart

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