

## PFAS Free Certificate - Confirming That 9502S-10C-PS Screw Caps Are PFAS Free – Tech Information

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For laboratories running PFAS (Per- and Polyfluoroalkyl Substances) methods, eliminating fluoropolymer sources from the sample path is critical.

Our polypropylene (PP)-faced silicone septa—integrated into 9 mm screw caps—are engineered as a PTFE-free solution to minimize background and help protect ultra-trace quantitation by LC-MS/MS. These caps are designed for use with AQ™ and RSA™ 9 mm autosampler vials.

### Why PP-Faced (Not PTFE-Faced)?

Traditional vial caps often use **PTFE-laminated** septa; however, PFAS chemicals are used in the manufacture of many fluoropolymers, including PTFE. For PFAS analysis, industry guidance is to avoid fluoropolymer-containing consumables wherever feasible to reduce the risk of false positives or elevated baselines. PP-faced silicone septa remove the PTFE layer while maintaining excellent sealing and pierceability.

### Product Highlights

- PTFE-free construction: PP facing on silicone septa; no fluoropolymer interface with the sample. routine chromatography where fluorine background must be minimized.
- Form-fit compatibility: Optimized for AQ™ and RSA™ brand 9 mm screw-thread autosampler vials to ensure consistent sealing force and instrument fit.
- Available in kits: PP vials + PP-faced septa cap kits simplify ordering and inventory (e.g., Easy Purchase Pack with 9502S-PP-CLEAR vials + 9502S-10C-PS caps).

### Certificate of Proof (Salient for Compliance)

A certificate confirming PFAS-free design for the PP-faced septa caps (cat. no. 9502S-10C-PS) is available upon request. This documentation supports procurement, QA, and regulatory audits for PFAS-sensitive programs.

See the Chrom Resource Center index item “Can You Provide a Certificate Confirming That 9502S-10C-PS Screw Caps with PP Septa Are PFAS-Free – FAQ” for the route to obtain the certificate, or contact Tech Support to request it with your PO / lot details.

**Tip:** If you need full chain-of-custody or method-file attachment, request the certificate to be issued against specific catalog/lot numbers so it can be archived with your sample prep records. *(The PP vial line also notes Certificate of Conformance available upon request—use both documents when you need a complete consumables file.)*

### Where This Fits in Your PFAS Workflow

- Environmental PFAS (EPA 533/537.1/8327): Reduce risk from consumables by using PTFE-free caps and PP vials wherever method-permitted.
- Biomonitoring & food contact studies: Minimize fluoropolymer contact surfaces to control blanks and QC recoveries.
- General LC/GC sample prep where fluorine background must be controlled (*e.g., method development with fluorinated analytes*).

## Related Resources

- PFAS testing info hub (*background, method references, product links*).
- Product page—9502S-10C-PS (*specs; PTFE-free note; vial compatibility*).
- Vial+cap kits with PP vials (*linkage to kits pairing PP vials and PP-faced septa caps*).

If you would like a Statment Certificate please contact [Customer Service](#) for assistance.

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