

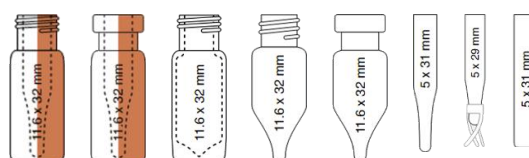
Sample Vials

Operational success reduces your cost per sample significantly and is something that you can't afford to leave to chance. By trusting Orientfiltr certified sample vials, plates, and certified containers with your valuable sample, you can easily reduce risk and cost for your LC-UV, LC-MS and GC-MS analysis while increasing consistency and reproducibility. Work with confidence with our broad range of certified vials, plates, and certified containers to meet all your cinematographic and laboratory needs.

2ml Sample Vial



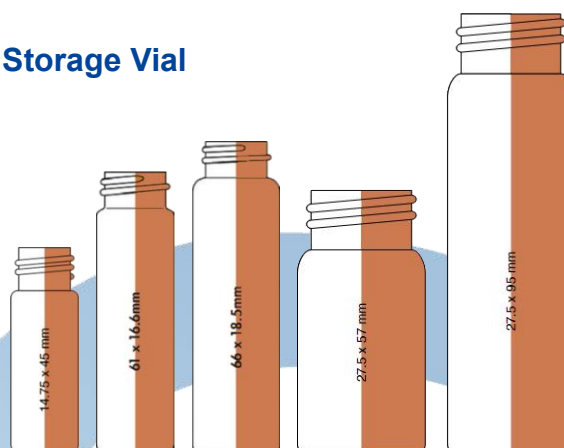
Micro-Sampling Vial & inserts



Headspace Vial



Storage Vial



Features

- LCGC certificate
- High quality glass Type 1, 51-expansion glass (clear and amber) and type-2, 33- expansion glass (only clear)
- Computerized camera system for quality control throughout the manufacturing process to test critical dimensions, including Height, Diameter, Bottom Thickness and Neck/Thread.
- Compatible with a wide range of HPLC, LCMS and GC Instruments
- Pre-packs including 100 vials and caps for ease and convenience in ordering
- Vials and caps and septas also available separately
- Meet standards set by governing bodies
- Tightest dimensional tolerances in industry

Orientfiltr Technology Co., Ltd

Address: No. 688, Xingfu Road, Chongchuan District, Nantong, Jiangsu,
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Applications

- HPLC instruments
- LCMS instruments
- GC instruments

Vial Closures Guide

Available in three types: crimp, snap and screw cap.

Cap Design	Strength Design	Comments
Crimp	Excellent seal	Requires tools
Snap	Moderate seal	Fast, no tools
Screw	Excellent seal	Universal

Septa Selection Guide

PTFE

- Recommended for single injection application.
- Ideal for use in MS applications
- Excellent solvent resistance and chemical compatibility
- Does not reseal upon punching
- Not for Long-term sample storage

PTFE/Silicone

- Recommended for multiple injection and sample storage
- Excellent resealing
- PTFE chemical resistance until punctured, then will have the chemical compatibility of silicone
- Working temperature range from -40°C to 200°C

Pre-slit PTFE/Silicone

- Prevent vacuum formation in vials
- Eliminates coring from bottom draw-port needles
- Good resealing capabilities
- Recommended for multiple injections
- PTFE chemical resistance until punctured, then will have the chemical compatibility of silicone
- Working temperature range from -40°C to 200°C



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Vial Selection Guide

- Type 1, 51-expansion borosilicate glass
- type-2, 33- expansion glass
- Deactivated glass (DV)
Treated with gas phase reactive organosilane to produce a hydrophobic glass surface. Can be stored indefinitely.
- Headspace Vials
Uniform glass thickness which insures even heat distribution for consistent sampling reliability.