

There's a lot more that goes into our vials than just samples

Innovative glass technology and unmatched performance

Ever more sensitive chromatography and mass spectrometry systems demand reliable vials which can routinely deliver the ultimate purity grade and the lowest surface activity possible. Sample security and confidence in data integrity are paramount in trace analysis and can only be achieved with the highest vial-glass quality.

Most autosampler vials are made from Type 1, hydrolytic-grade glass which is unfortunately absorbing analytes on vial walls when working with polar and/or highly adsorbing compounds at low concentration levels.

We have introduced a higher grade of glass with the lowest levels of alkaline materials with our new inert vials range. You can maximize your analytical performance and have fewer failed assays with the Thermo Scientific™ Chromacol™ GOLD-Grade vials. These premium vials are manufactured in perfect conditions and at optimum surface-saving temperatures to ensure the maximum degree of inertness of the low-alkaline glass.



Increase productivity and save time

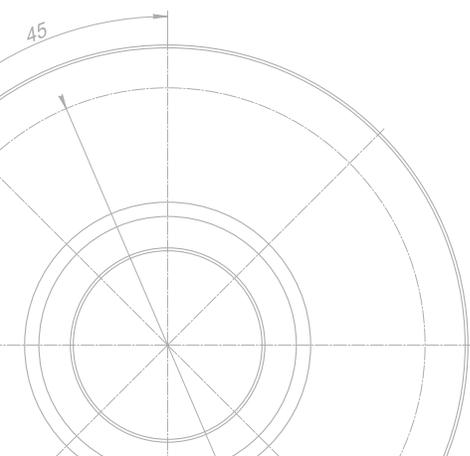
- Highest recovery rates; even with critical compounds (e.g. trisubstituted N-atoms, tertiary amines) in trace concentrations.
- Highly reproducible; consistent peak heights and symmetry.

Confidence in results with highest quality vial

- Made of 1st hydrolytic class, special 33 expansion glass; meeting current USPs and Pharmacopeias.
- Ultra-low adsorption surface for critical polar compound; enables ultra trace-level analysis for strongly adsorbing analytes.
- The high-class standard in Europe and Asia for decades.
- Ultra-low pH shift, due to the minimized surface activity.
- Lowest alkaline content, for less glass-wall interactions.

A vial that reduces the cost of analysis

- Stable analysis and higher reproducibility; increases security and integrity of analytical results.
- Buffer reduction possible.
- No risk of run-stops during overnight analysis.
- Optimal autosampler fit regardless of lot.





Thermo Scientific Chromacol GOLD-Grade Vials and Inserts

Description	Product Number
8 mm Crimp-Top Vials	
0.1 mL Crimp Top Round Bottom Vial - GOLD-Grade Grade	01-CVG
0.2 mL Crimp Top Tapered Vial - Clear GOLD-Grade	02-CTVG
0.3 mL Crimp Top Round Bottom Vial - Clear GOLD-Grade	03-CVG
2 mL, 12 × 32 Standard Opening Screw-Thread Vials	
2 mL Screw Top Vial with Write on Patch - Clear GOLD-Grade	2-SVG
1.1 mL Screw Top Tapered Vial - Clear GOLD-Grade	1.1-STVG
9 mm Wide Opening, Screw-Thread Vials and Insert	
2 mL Wide Mouth Screw SureStop GOLD-Grade Vial with Write-On Patch - Clear	2-SVWGK
0.2 mL Screw Top Fixed Insert Vial - GOLD-Grade with Write-On Patch (Micro+™)	02-FISVG
200 µL GOLD-Grade Glass Insert	02-MTVWG
2 mL, 12 × 32, 11 mm Crimp-Top Vials	
2 mL Crimp Top Vial - Clear GOLD-Grade - with Write-On Patch	2-CVG
1.1 mL Crimp Top Tapered Vial - Clear	1.1-CTVG
0.2 mL Crimp Top Fixed Insert Vial - GOLD-Grade with Write-On Patch (Micro+™)	02-FIVG
200 µL GOLD-Grade Glass Insert	02-MTVWG
2 mL, 12 × 32, 11 mm Snap-Cap Vials	
11 mm Snap Cap 200 µL Vial, Fused Insert GOLD-Grade Glass	02-FIRVG
200 µL GOLD-Grade Glass Insert	02-MTVWG

Find out more and order online at
thermofisher.com/inertvials