



Product Briefing

Chromacol 3.5-HRSV

3.5mL High Recovery Vial

- Vial size 15mm x 46mm suitable for 48 position autosamplers from Waters, Merck-Hitachi and Robotic sample processors.
- High recovery base has a 100µL reservoir and total accessible volume of 3.5mL.
- Uses 13/425 screw caps with a range of seals for injection.
- Caps for long-term storage contain PTFE seals.



Chromacol has introduced a 15mm x 46mm vial for applications requiring the extraction of the maximum amount of sample.

The vial will fit standard racks for 15mm od vials used in HPLC autosamplers from OEM's such as Waters, Shimadzu and Perkin-Elmer.

The vial may be used in a wide range of robotic sampling handling systems from companies including CTC, Gilson, Packard and Tecan.

Chromacol 3.5-HRSV vials provide:-

- A precisely contoured reservoir with controlled depth allowing maximum extraction of liquid samples.
- The ability to concentrate and extract samples from the same vial.
- A residual volume of less than 15µL .
- Compatibility with industry standard 13/425 screw caps.
- Long-term liquid sample storage with PTFE lined solid caps.

Chromacol 3.5-HRSV vials

Chromacol Part Number	Description	Cap Compatibility	Pack Size
3.5-HRSV	3.5mL Clear Vial with High Recovery Base Profile	13/425 thread	250

Caps with pre-fitted seals

Chromacol Part Number	Colour Cap Material	Seal Material	Pack Size
13-SC-8RT1	Black PP	Red Rubber/Clear PTFE	1000
13-SC-ST2	Black PP	Red PTFE/White Silicone	1000
13-SC (W)-ST15X	White PP	Blue PTFE/White Silicone Pre-Slit	1000
13-SCST	White PP	PTFE Lining	100

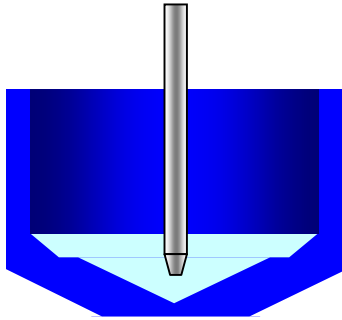


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Maximum recovery

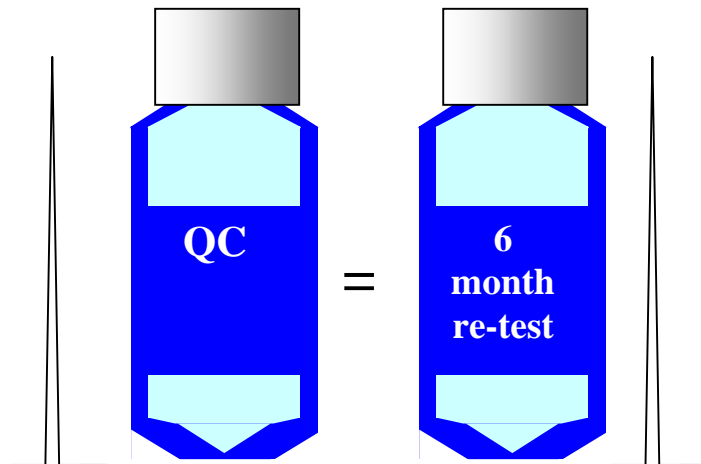
Even with fixed position needles or pipettes.



The profile of the high recovery base is precisely engineered to give a reservoir with less than 15µL of residual volume and a capacity of just under 100µL. The smooth internal profile gives maximum collection of sample in the reservoir. Draw depth is set to be compatible with most robotic systems.

Long term storage

For storage of sample compounds in water or organic solvents (including DMSO), the use of storage caps will give consistent and inert storage conditions with the maximum extraction of sample possible for re-analysis.



Bar-coding



For traceability of stored products or for use in automated sample handling instruments, a variety of barcode symbologies can be applied to the vials.

Numeric and alphanumeric sequences may be supplied pre-applied to the vials on solvent and heat resistant labels or by etching.