

## Chromacol Product Compound Storage

### Storage of Chemical Samples

- Most Chromacol products are used in the analytical laboratory for chemical analysis utilizing chromatographic techniques such as HPLC and GC.
- These laboratories also have a requirement to store and archive research and reference materials that are used for the standardization of assays or are to be used as internal and reference standards.
- In larger organizations this function has become more centralized with the chemicals being held in a central store. The operation of such stores requires that samples be entered or extracted from the store without them being damaged or being delivered to the wrong laboratory.
- Dry samples have to be removed and transferred without loss to a wide variety of different plates vials and arrays.



5.3-SV

### Powder Vials

- The Chromacol vials 5.3-SV and 6.7-SV are designed for solid compound storage in automated storage and weighing systems.
- The vials have an external thread with minimal shoulder that allows dry powders to be easily removed by automated pickers and robots.
- Manual extraction is aided by the wide opening giving access to spatulas and probes.
- Solid storage caps compatible with automated systems are applied during storage and transport.



6.7-SV

### Features

- Glass is Neutral Borosilicate USP/EP Type 1 Hydrolytic extraction.
- Special thread compatible with TAP Haystack™ storage units

### Benefits

- Glass is recommended for dry powder storage due to its chemical inertness, low static electricity potential and good sample visibility.

### Dedicated Caps

- Boreseal Cap for sealing without O-ring or Elastomeric wads to prevent long term chemical leaching.
- High purity polypropylene (white or high clarity versions)
- Cap compatible with robotic storage systems giving gripping below cap.
- Central locator in cap for precise positioning in transfer systems.



14-SCS

### Automation

- For most effective use the identification of each vial should be ensured by a unique identification i.d. This is usually supplied by a sequentially assigned number encoded as a linear barcode, which may be read by scanners within the storage systems.



# Product Briefing

## Barcode Information

- Chromacol Powder Vials may be pre-labelled with a variety of barcode symbologies, including Code 128, Code 39 and Interleaved 2 of 5.
- All numbers are guaranteed non-duplicate.
- These labels are 360° readable.

## Label Specifications.

- Labels are selected to give resistance to commonly used solvents and chemicals including DMSO and xylene.
- Adhesives are selected to give a very high level of attachment with minimal edge lift.
- The labels are resistant to high levels of humidity and low temperatures found in cooled sample storage units.
- Labels are formed from resistant polymeric films.

## Custom Labels.

- In addition to the required symbology the labels may be supplied with additional information such as company information, logo or hazard information.
- The digital printing methods are able to produce coloured logos, print and key colour patches.

## Packaging.

- Divided trays for individual vial placement.
- 187 units per tray in 11 x 17 array.
- Trays covered with fitted lids.



5.3-SV-BC-SY



A selection of Chromacol labelled vials.

## Ordering

Chromacol Part Number	Description	Pack Size
5.3-SV	5mL powder vial-clear	187
6.7-SV	7mL powder vial-clear	187
5.3-SV-BC-xx	5mL powder vial-clear with pre-applied barcode label to customer specification	187
6.7-SV-BC-xx	7mL powder vial-clear with pre-applied barcode label to customer specification	187
14-SCS	Polypropylene storage cap-white-for 5.3-SV and 6.7-SV powder vials	1000