



# Product Briefing

## **Chromacol EPA Vials**

20mL and 40mL EPA Vials

### ***What are EPA Vials?***

- The Environmental Protection Agency (EPA) is responsible for monitoring of analytical standards used for environmental analysis in the USA.
- Much of this analysis is applied to the testing of water supplies for the presence of potentially harmful chemicals.
- These chemicals include pesticides, herbicides and polycyclic aromatic hydrocarbons. (PAH)
- The collection and processing of these water samples has been controlled by defining the type of vials used for this stage of the analysis.
- The vials are defined by their size, volume and their degree of cleanliness.
- These vials are also referred to as VOA (Volatile Organic Analysis) vials.



### ***EPA Certification***

Vials are available in three levels of cleanliness that is certified to EPA procedures.

**Class 100** The vials are supplied pre-assembled in clean room packaging after an initial cleaning stage. For most users the clean assembled packaging is sufficient.

**Class 200** When dealing with trace amounts of environmental pollutants the clean room packaging will be enhanced by a controlled washing procedure to remove the last traces of potential interferences. These vials are then specially tray packed with certification provided of the washing process.

**Class 300** For the most stringent applications individual certification of a batch analysis of the vials will be supplied.

### ***Chromacol EPA vials provide:-***

- Two sizes available in clear or amber neutral glass.
- Standard 28mm o.d. with heights of 57mm (20mL) and 95mm (40mL)
- Glass that meets ASTM Type I Class A and USP Type I standards
- Caps and seals manufactured from high purity polypropylene with silicone/PTFE injection septa.
- Vials, caps and septa pre-assembled to reduce possible contamination.
- Cleaning conforms to EPA standards with three levels of certification available.

### ***Other Services***

Pre-applied Bar-coding of Class 100 vials are available to customer specification.



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## *Chromacol EPA vials. Class 100*

Chromacol Part Number	Description	Pack Size
20-EPAVCS	EPA Clear Vial Kit100 Class 20mL Vial/Septa/Cap Assembly	100
20-EPAVCS(A)	EPA Amber Vial Kit100 Class 20mL Vial/Septa/Cap Assembly	100
40-EPAVCS	EPA Clear Vial Kit100 Class 40mL Vial/Septa/Cap Assembly	100
40-EPAVCS(A)	EPA Amber Vial Kit 100 Class 40mL Vial/Septa/Cap Assembly	100

## *Chromacol EPA vials. Class 200*

Chromacol Part Number	Description	Pack Size
20-EPAVCS-PC	EPA Clear Vial Kit 200 Class 20mL Vial/Septa/Cap Assembly	72
40-EPAVCS-PC	EPA Clear Vial Kit 200 Class 40mL Vial/Septa/Cap Assembly	72
40-EPAVCS(A)-PC	EPA Amber Vial Kit 200 Class 40mL Vial/Septa/Cap Assembly	72

## *Chromacol EPA vials. Class 300*

Chromacol Part Number	Description	Pack Size
20-EPAVCS-PC3	EPA Clear Vial Kit 300 Class 20mL Vial/Septa/Cap Assembly	72
40-EPAVCS-PC3	EPA Clear Vial Kit 300 Class 40mL Vial/Septa/Cap Assembly	72
40-EPAVCS(A)-PC3	EPA Amber Vial Kit 300 Class 40mL Vial/Septa/Cap Assembly	72

## *Alternative Storage Closure Caps*

Chromacol Part Number	Colour	Seal Material	Cap Material
24-SCST	White	PTFE	Phenolic

## *Vials Only*

Chromacol Part Number	Description	Pack Size
20-SV	EPA clear vial 20mL	100
20-SV(A)	EPA amber vial 20mL	100
40-SV	EPA clear vial 40mL	100
40-SV(A)	EPA amber vial 40mL	100

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