



Product Briefing

Chromacol Scintillation Vials

20ml Scintillation Vials

What is liquid scintillation counting?

- Liquid scintillation counting is used for the measurement of beta-emitting nuclides, for example, tritium and carbon-14.
- The technique involves dissolving the sample containing the radionuclide in a suitable scintillation fluid or cocktail and use of a scintillation counter.
- All glass used for manufacture of such vials is low potassium to minimize background signals from the glass



Chromacol Scintillation vials provide:-

- Epsoscint™ low-potassium glass (meets ASTM Type I Class A and USP Type I standards)
- Critical manufacturing tolerances on glass wall thickness assure reliable, consistent results in scintillation counting.
- Vials load properly into counting machines without jamming or breaking.
- Background counts are consistent and low.
- Ultraviolet transmission is high.
- Packaged in divided trays of 100 units. 5 trays per box with caps included in separate tray.

Chromacol Scintillation vials

Chromacol Part Number	Description	Cap Compatibility
20-EPSVCA	20mL Scintillation Vials	Foil lined High Reflectance
20-EPSVPE	20mL Scintillation Vials	Polyethylene

Caps and Seals

Chromacol Part Number	Colour	Seal Material	Cap Material
20-EPSCA	White	Foil	Urea
20-EPSPE	White	Polyethylene	Urea
20-SCST	White	PTFE	PP (for storage) only

Instruments

Manufacturer	Model Numbers
Beckman-Coulter	LS 380I, LS 580I, LS 6000, LS 6500
Perkin Elmer/Packard	Tri-Carb.