

Chromalite® PCG900F

Macroporous Polydivinylbenzene
Adsorbent

Chromalite PCG900F is a hydrophobic, highly crosslinked, porous polydivinylbenzene adsorbent. The pore size and matrix are engineered specifically for purification by reversed-phase chromatography, solid phase extraction and adsorption of biomolecules including proteins, peptides, oligonucleotides and antibiotics.

PRINCIPAL APPLICATIONS

- Reverse phase chromatography
- Adsorption of biomolecules up to 14KDa

ADVANTAGES

- Highly hydrophobic
- High chemical stability
- More robust than silica materials
- Easy column packing
- Efficient regeneration

REGULATORY APPROVALS

- Compliant with FDA regulation 21 CFR 173.65
- Compliant with ResAP(2004) 3
- Halal
- Kosher
- TSE/BSE/GMO free

TYPICAL PACKAGING

- 10g
- 50g
- 100g

* Shipped in 20% Ethanol

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Appearance	White Spherical Beads
Functional Group	None
Supplied as	Dry in 20% EtOH solution
Surface Area (min.)	600 m ² /g
Porosity, Median Pore Diameter	125 - 200 Å
Particle size (90% in Range)	20 - 50 µm
Mean Diameter	30 - 45 µm
Uniformity Coefficient (max.)	< 1.5
Total moisture	65 - 80 %
pH limit stability	1 - 14
Optimal storage condition	2 - 25 °C
Expiry date (from date of manufacture)	2 years
% Crosslinking	8

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