

PRODUCT DATA SHEET

Chromalite® PCG900C

Macroporous Polydivinylbenzene
Adsorbent

Chromalite PCG900C 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. Equivalent to: Dowex AmberChrom CG300 / CG161

PRINCIPAL APPLICATIONS

- Reverse phase chromatography
- Adsorption of biomolecules up to 14KDa
- Solid Phase Extraction

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

- 50g
- 250 g
- 1 kg

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Appearance	White Spherical Beads
Functional Group	None
Supplied as	Wet
Surface Area (min.)	600 m ² /g
Porosity, Median Pore Diameter	125 - 200 Å
Particle size (90% in Range)	100 - 200 µm
Uniformity Coefficient (max.)	< 1.5
Total moisture	65 - 75 %
pH limit stability	1 - 14
Optimal storage condition	2 - 20 °C
Expiry date (from date of manufacture)	5 years