

# Chromalite® PCG900M

Macroporous Polydivinylbenzene  
Adsorbent

Chromalite PCG900M 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:

AmberChrom CG300  
AmberChrom CG161

## PRINCIPAL APPLICATIONS

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

## ADVANTAGES

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

\* Shipped in wet form

## 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 <sup>2</sup> /g
Typical Porosity	150 - 300 Å
Particle Size (80% in the range)	50 - 100 µm
Mean Diameter	70 - 90 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
Perfect Bead	min. 95 %

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