

# Chromalite® PCG600M

Macroporous Polydivinylbenzene  
Adsorbent

Chromalite PCG600M 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
- Solid Phase Extraction
- Adsorption of biomolecules up to 2KDa

## 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
- 250g
- 1Kg

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Appearance	White Spherical Beads
Functional Group	None
Supplied as	Wet
Surface Area (min.)	700 m <sup>2</sup> /g
Porosity, Median Pore Diameter	75 - 200 Å
Particle size (90% in Range)	50 - 100 µm
Mean Diameter	70 - 80 µm
Uniformity Coefficient (max.)	< 1.5
Total moisture	55 - 70 %
pH limit stability	1 - 14
Optimal storage condition	2 - 20 °C
Ionic Form	Cl-
Expiry date (from date of manufacture)	5 years
% Crosslinking	2