PRODUCT DATA SHEET

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
- 250 g
- 1 kg

TVDICAL	DHACIUVI	2	CHEMICAL	CHADACTEDISTICS:	i

Appearance White Spherical Beads Functional Group None Supplied as Wet Surface Area (min.) 700 m²/g Porosity, Median Pore Diameter 75 - 150 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 Expiry date (from date of manufacture) 5 years % Crosslinking 2		
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	Optimal storage condition	2 - 20 °C
% Crosslinking 2	Expiry date (from date of manufacture)	5 years
	% Crosslinking	2



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^{*} Shipped in wet form