

Chromalite® CGC100x8

**Gel Strong Acid Cation Activated
Styrene/ Polydivinylbenzene
Copolymer**

Chromalite CGC100x8 is a chromatographic cation exchange resin designed for small organic and inorganic compound separation and purification polymer. It contains 100 m styrenic resin beads crosslinked with 8% divinylbenzene (DVB). Our [proprietary manufacturing method](#) creates perfectly spherical beads with exceptional kinetic and packing properties.

Unlike similar products on the market, our Chromalite CGA and CGC resins are supplied in highly pure form (very low extractables content) and do not require pre-treatment. As such they are suitable for pharmaceutical applications.

Equivalent to:

- Dowex 50WX8 100-200 mesh (Dow)
- AG 50WX8 (Bio-Rad)

Note:

CGC resins occasionally exhibit colour release into surrounding water after prolonged storage (this will not affect performance).

In such cases it is recommended to rinse the affected resin with sufficient volumes of water to remove this colour release before putting the resin into service.

GÓWNE ZASTOSOWANIA

- Ion exchange chromatography
- Desalting of biomolecules after fermentation
- Suitable for inorganic, organic and biological molecule separation

ZALETY

- High chemical stability
- Optimal for large column packing
- High purity
- Exceptional kinetic and packing properties

ZGODNO Z REGULACJAMI

- Compliant with FDA regulation 21 CFR 173.25
- Compliant with ResAP(2004) 3
- Halal
- Kosher
- TSE/BSE/GMO free

DOSTPNO OPAKOWA

- 250 g
- 1 kg

PODSTAWOWE WACIWOści FIZYCZNE I CHEMICZNE:

Appearance	Orange to dark brown spherical beads
grupa funkcyjna	Sulfonic acid
Supplied as	Wet
Volume capacity (min.)	1.7 eq/l
Weight capacity (min.)	5 eq/Kg
Particle size (90% in Range)	50 - 175 µm



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Total moisture	45 - 60 %
pH Limit Stability	1 - 14
Optimal storage condition	2 - 20 °C
forma jonowa	H+
Expiry date (from date of manufacture)	5 years
usieciowany	8
Perfect Bead	min. 95 %

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