

Chromalite® CGC200x2

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

Chromalite CGC200x2 is a chromatographic cation exchange resin designed for small organic and inorganic compound separation and purification polymer. It contains 200 m styrenic resin beads crosslinked with 2% 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:

- Amberchrom (formerly Dowex) 50WX2 50-100 mesh (Dow)
- AG 50W-X2 Resin (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.

PRINCIPALI APPLICAZIONI

- Cromatografia a scambio ionico
- Dissalazione delle biomolecole dopo fermentazione
- Idoneo per la separazione di molecole inorganiche, organiche e biologiche

VANTAGGI

- Alta stabilità chimica
- Bassa capacità
- Granulometria grossa ottima per impaccamento di grandi colonne
- Resine cromatografiche altamente purificate
- Eccezionali proprietà cinetiche e di impaccamento per separazioni cromatografiche

CERTIFICAZIONI

- Conforme al regolamento FDA 21 CFR 173.25
- Compliant with ResAP(2004) 3
- Halal
- Kosher
- esente da TSE BSE OGM

IMBALLI TIPICI

- 250 g
- 1 kg

CARATTERISTICHE CHIMICHE E FISICHE TIPICHE:

Aspetto

Orange to dark brown spherical beads



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Gruppo funzionale	Sulfonic acid
Fornito come	Wet
Capacità volume (min.)	0.6 eq/L
Capacità peso (min.)	5 eq/kg
Distribuzione granulometrica (90% nel range)	150 - 300 µm
Umidità totale	75 - 90 percento
Limite di stabilità del pH	1 - 14
Condizioni ottimali di conservazione	2 - 20 °C
Forma ionica	H+
Data di scadenza (dalla data di produzione)	5 anni
% Crosslinking	2
Perfect Bead	min. 95 percento

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