

Chromalite® 15SBG

Polystyrenic Strong Base Anion

Chromalite 15SBG is a high-purity, premium grade, gel-based anion exchange resin in a uniform, 15 m particle size. It is designed expressly for chromatographic separations. It has a clear gel structure, showing excellent regeneration efficiency and rinse characteristics. The spherical beads show exceptional batch-to-batch consistency, enabling simple scale-up from laboratory analyses through to full-scale plant operation.

PRINCIPAL APPLICATIONS

- Ion exchange chromatography

ADVANTAGES

- High chemical stability
- Narrow particle size

REGULATORY APPROVALS

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

TYPICAL PACKAGING

- 10g
- 50g
- 100g

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Appearance	Pale yellow spherical beads
Functional Group	Quaternary amonium (counterion Cl ⁻)
Supplied as	Dewatered from 20% EtOH
Particle size (90% in Range)	12 - 18 µm
Volume capacity (min.)	1.3 eq/l
Weight capacity (min.)	3.9 eq/Kg
Mean Diameter	13.5 - 16.5 µm
Uniformity Coefficient (max.)	< 1.15
pH limit stability	1 - 14
Optimal storage condition	2 - 20 °C
Ionic Form	None
Expiry date (from date of manufacture)	5 years