

## Analytical & Preparative Biochromatography

**Purolite Chromalite** chromatography resins are versatile bulk processing media designed especially for large-scale chromatography applications.

**Purolite Chromalite** chromatography resins are available for hydrophobic interaction (**HIC**) and ion exchange (**IEC**) liquid chromatographic modes.

Based on a rigid backbone structure, **Purolite Chromalite** resins assure excellent pressure and flow characteristics. **Purolite Chromalite** resins are stable over a 1-14 pH range. Particle sizes vary from analytical HPLC grade (3 µm) to large scale chromatography (150-300 µm).

**Purolite Chromalite** resins are an excellent alternative to silica based media, when pH stability, pressure (P) stability and chemical stability is required.

**Purolite Chromalite** resins are ideal for down-stream processing for the separation of biomolecules such as proteins, aminoacids, peptides, oligonucleotides.

### Chromalite® size range Application

3, 4, 5 m	Analytical (HPLC)
10, 15 m	Preparative (HPLC)
15, 35, 50, 75 m	Process/polishing of proteins, small molecules and synthetic biomolecules, recombinant proteins, front-end capture, desalting, purification, solid phase extraction
> 75 m	Large scale purification, desalting, polishing of proteins and synthetic biomolecules

### Chromalite® Selection

Particle size (micron)	<5	10	15	35	50	75
Ion Exchange (IEC)			15SBG		CGA50 CGC50 50SBM 50SBG	
Hydrophobic Interaction (HIC)	3AD1 4AD1 5AD1 5AD2 5MN	10AD2	PCG1200F15  15AD2 15MN	PCG1200F PCG900F PCG600F		PCG1200M PCG900M PCG600M  70MN

