

Praesto® Pure

Highly Cross Linked Plain Resin

Praesto Pure is an agarose-based chromatography media designed for large-scale biomolecule purification. It is the ideal base matrix for the production of affinity chromatography resins, and is available in three separate particle sizes - 45 µm, 65 µm and 90 µm - making it the ideal choice for high-resolution, intermediate and capture steps. Praesto Pure can also be directly used for gel filtration of larger biomolecules such as viruses and plasmids.

PRINCIPAL APPLICATIONS

- Protein purification (20-500 kDa)
- Virus Application

ADVANTAGES

- High productivity
- High capacity
- Enhanced pressure/flow performance
- Secure, validated supply and regulatory support

REGULATORY APPROVALS

- Manufactured under cGMP conditions

TYPICAL PACKAGING

- Bulk Resin
- Production-Scale OPUS® Columns
- OPUS® Robocolumns®
- OPUS® MiniChrom Columns
- HT Columns

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Highly cross linked agarose
Appearance	Spherical beads
Functional Group	Not functionalized
Chemical stability	All commonly used aqueous buffers, 2M NaOH, 8M urea, 6M guanidine HCl, 30% isopropanol, 70% ethanol, 30% acetonitrile and commonly used detergents
Particle Size - µm	45, 65, 90 µm
Pressure/flow (min.) - at 3 bar in a 2.6 x 20 cm column (pressure-packed at 4 bar)	200 cm/h
Exclusion limit for globular proteins	10 ⁷ Daltons
pH stability, CIP (short term)	2 - 14
pH stability, working range	3 - 14
Recommended Storage	4 - 30 °C
Recommended Storage	20% ethanol