PRODUCT DATA SHEET

Purolite Praesto™

Jetted Q35

Agarose Highly Cross Linked Strong Anion Exchanger, Uniform Particle Size, 35 µm

PRINCIPAL APPLICATIONS

- MAb Purification
- Protein purification (20-500 kDa)

ADVANTAGES

- Manufactured using patented Jetting technique
- Uniform particle size
- High capacity
- Enhanced productivity
- Enhanced pressure/flow performance
- Manufactured with reduced environmental impact
- Secure, validated supply and regulatory support

TYPICAL PACKAGING

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

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Matrix	Cross-linked agarose
Functional group	$CH_2N+C+(CH_3)_3$
Ionic capacity - medium	0.11 - 0.18 mmol Cl^-/ml
Average particle size (d_{50}), µm	35 µm
Flow velocity	Up to 120 cm/h (30 x 20 cm)
Binding Capacity mg/mL Resin at 6’ Residence Time	> 80 mg/ml BSA
Operating pH Stability (Short Term)	2 - 14
Operating pH Stability (Long-Term)	2 - 12
Working Temperature	4 - 30 °C
Chemical stability	All commonly used aqueous buffers, 1M NaOH, 8M urea, 6M guanidine hydrochloride, 30% isopropanol and 70% ethanol
Avoid	Oxidizing agents, cationic detergents
Storage	20% ethanol, 4 - 30°C

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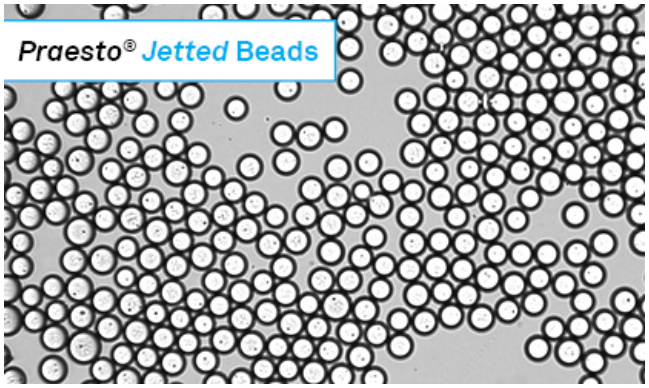

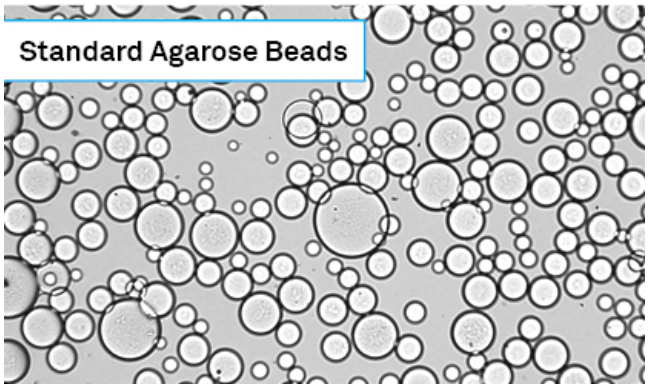

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