

Praesto® Jetted Q35

Highly Cross Linked Strong
Anion Exchanger uniform
agarose particle beads

Praesto Jetted Q35 is an agarose-based, strong anion exchange resin designed for biomolecule purification, including proteins, peptides and oligonucleotides.

It is manufactured using 'Jetting' - a new, patented method that produces agarose beads with a very narrow particle size distribution. Purolite is the first agarose resin provider to produce process-scale volumes of these uniform particle size beads.

[Praesto Ion Exchange Chromatography Resins - FAQs](#)

GÓWNE ZASTOSOWANIA

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

ZALETY

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

ZGODNO Z REGULACJAMI

- Manufactured under cGMP conditions

DOSTPNO OPAKOWA

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

PODSTAWOWE WACIWOCI FIZYCZNE I CHEMICZNE:

Matrix	Cross-linked agarose
grupa funkcyjna	$\text{CH}_2\text{N}+\text{C}+(\text{CH}_3)_3$
Ionic Capacity, mmol/mL Resin	0.14-0.18
Average Particle Size (d_{50}), μm	35
Flow Velocity cm/h at 3 bar in a 2.6 x 20 cm Column (packed at 4 bar)	> 150
Binding Capacity mg/mL Resin at 6' Residence Time	> 80 mg/ml BSA
Operating pH Stability (Short Term)	pH 2-14
Operating pH Stability (Long-Term)	pH 3-13
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



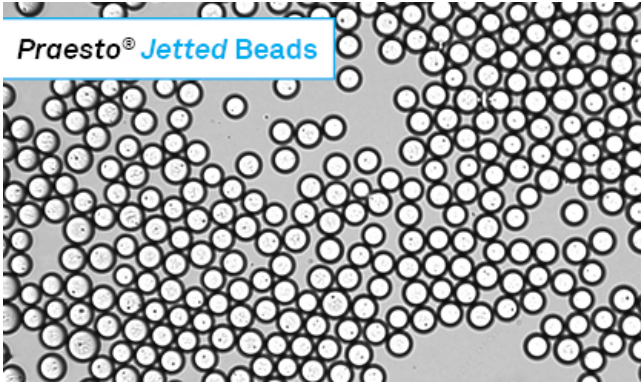
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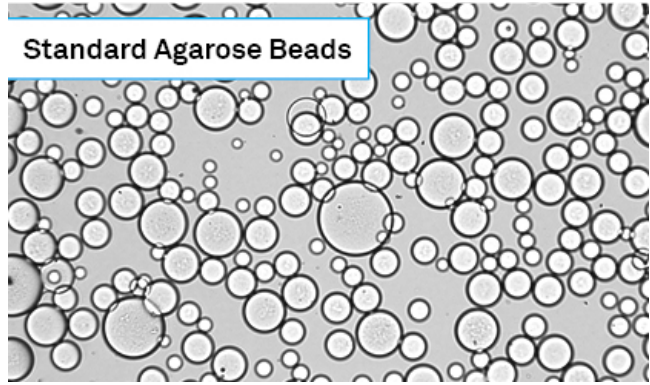
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Praesto® Jetted Beads



Standard Agarose Beads



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