

## PRODUCT DATA SHEET

# Praesto® Q90

Agarose Highly Cross Linked Strong  
Anion Exchanger, 90 µm particle size

## PRINCIPAL APPLICATIONS

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

## ADVANTAGES

- Excellent dynamic binding capacities for high-productivity and scalability
- Excellent pressure/flow performance
- High resolution/selectivity
- Excellent chemical and physical stability
- Secure, validated supply and regulatory support

## REGULATORY APPROVALS

- Manufactured under GMP conditions

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Highly cross linked agarose
Appearance	Spherical beads
Functional Group	Quaternary amine
Chemical stability	All commonly used aqueous buffers. 1M NaOH, 8M urea, 6M guanidine hydrochloride, 30% isopropanol and 70% ethanol
Avoid	Oxidising agents, anionic detergents
Ionic capacity - resin	0.14 - 0.18 mmol/ml
Ionic capacity - medium	0.14 - 0.18 mmol Cl <sup>-</sup> /ml
Particle Size - µm	90 µm
Dynamic Binding Capacity (min.) - 6 minutes residence time	50 BSA/ml
Pressure/flow (min.) - at 3 bar in a 2.6 x 20 cm column (pressure-packed at 4 bar)	800 cm/h
pH stability, CIP (short term)	2 - 14
pH stability, working range	3 - 13
Recommended Storage	4 - 30 °C
Recommended Storage	20% ethanol



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