TECHNISCHES DATENBLATT

Purolite Praesto™

Q90

Agarose hoch quervernetzt stark basischer Anionenaustauscher, 90 µm particle size

EINSATZGEBIETE

- Protein Reinigung
- Mab Aufreiningung

VORTEILE

- exzellente dynamische Bindungskapazitäten für hohe Produktivität und Skalierbarkeit
- exzellent Druckverlust Performance
- hohe Auflösungsselektivität
- exzellente Chemische und physikalische Stabilität
- Sichere, validierte Versorgung und regulatorische Unterstützung

TYPISCHE PHYSIKALISCHE & CHEMISCHE EIGENSCHAFTEN:

Matrix	Cross-linked agarose
Funktionelle Gruppe	$CH_2N+C+(CH_3)_3$
Ionische Kapazität - gemittelt	0.09 - 0.18 mmol Cl^-/ml
Average particle size (d_{50}), µm	90 µm
Flow velocity	Up to 550 cm/h (20 x 20 cm)
Binding Capacity mg/mL Resin at 6’ Residence Time	≥50 mg BSA ml
Operating pH Stability (Short Term)	2 - 14
Operating pH Stability (Long-Term)	2 - 12
Working Temperature	4 - 30 Grad Celsius
chemische Stabilität	All commonly used aqueous buffers. 1M NaOH, 8M urea, 6M guanidine hydrochloride, 30% isopropanol and 70% ethanol
Vermeiden	Oxidising agents, anionic detergents
empfohlene Lagerung	20% ethanol at 4 – 30 °C

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Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

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