TECHNISCHES DATENBLATT

Purolite Praesto™

SP200

Agarose hoch quervernetzt stark saurer Kationenaustauscher, 200 µm particle size

EINSATZGEBIETE

- Lactoferrin Purification

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

BEHÖRDLICHE GENEMIGUNGEN

- Kosher
- Halal

TYPISCHE VERPACKUNGEN

- 500ml
- 1L
- 5L
- 10L

TYPISCHE PHYSIKALISCHE & CHEMISCHE EIGENSCHAFTEN:

Polymerstruktur	Highly cross linked agarose
Aussehen	Spherical beads
Funktionelle Gruppe	Sulfopropyl
chemische Stabilität	All commonly used aqueous buffers. 1M NaOH, 8M urea, 6M guanidine hydrochloride, 30% isopropanol and 70% ethanol
Vermeiden	Oxidising agents, cationic detergents
Ionische Kapazität - gemittelt	0.10 - 0.16 mmol H^+/ml
Particle Size Distribution	100 - 300 µm
Dynamische Bindungs Kapazität (min.) - 6 Minuten Kontaktzeit	50 lgG/ml
Dynamische Bindungs Kapazität (min.) - 3 Minuten Kontaktzeit	50 hlgG ml
Druck/Fluss (min.) - bei 3 bar in einer 2.6 x 20 cm Säule (4 bar beim Säulenpacken)	800 cm/h
pH Stabilität, CIP (kurzzeitig)	3 - 14
pH Stabilität, Arbeitsbereich	4 - 13
empfohlene Lagerung	4 - 30 Grad Celsius
empfohlene Lagerung	20% ethanol
empfohlene Lagerung	0.2M sodium acetate
Microbial Contamination; Colony Forming Units / ml suspension	≤ 20
Back Pressure at 500 cm/h; bar	<1

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