PRODUCT DATA SHEET

Purolite Praesto™

SP65

Agarose Highly Cross Linked Strong Cation Exchanger, 65 µm particle size

PRINCIPALELE APLICATII

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

AVANTAJE

- Excellent dynamic binding capacities for high-productivity and scalability
- Excellent pressure/flow performance
- High resolution/selectivity
- stabilitate fizică i chimică excelentă
- Secure, validated supply and regulatory support

CARACTERISTICI TIPICE FIZICE SI CHIMICE

Matrix	Cross-linked agarose
grupare funcionala	$CH_2CH_2CH_2SO_3$ -
Ionic capacity - medium	0.11 - 0.18 mmol H^+/ml
Average particle size (d_{50}), µm	65 µm
Flow velocity	Up to 350 cm/h (20 x 20 cm)
Binding Capacity mg/mL Resin at 6’ Residence Time	≥ 70 mg IgG/ml
Operating pH Stability (Short Term)	3 - 14
Operating pH Stability (Long-Term)	4 - 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	Oxidising agents, cationic detergents
Recommended storage	20% ethanol, 0.2 M sodium acetate, 4 – 30 °C

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