PRODUCT DATA SHEET

Purolite Praesto™

SP65

アガロース 高架橋度 強酸性カチオン交換樹脂粉末, 65 µm particle size

PRINCIPAL APPLICATIONS

- タンパク質精製 (20-500 kDa)
- Mab精製

ADVANTAGES

- 高い生産性とスケールアップを容易にする非常に高い動的結合容量
- 非常に高い背圧特性と高流速対応
- 高い分離性と選択性
- 非常に高い化学的物理的安定性
- 安全で検証済みの供給および規制サポート

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

マトリックス	Cross-linked agarose
官能基	$CH_2CH_2CH_2SO_3$ -
イオン交換容量 - 中	0.11 - 0.18 mmol H^+/ml
平均粒径 (d_{50}), µm	65 µm
Flow velocity	Up to 350 cm/h (20 x 20 cm)
結合容量 mg/mL-R (接触時間6分)	≥ 70 mg IgG/ml
運転時pH安定性 (短期)	3 - 14
運転時pH安定性 (長期)	4 - 12
運転温度	4 - 30 °C
化学的安定性	All commonly used aqueous buffers. 1M NaOH, 8M urea, 6M guanidine hydrochloride, 30% isopropanol and 70% ethanol
避ける	Oxidising agents, cationic detergents
推奨保管条件	20% ethanol, 0.2 M sodium acetate, 4 – 30 °C

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