PRODUCT DATA SHEET

Purolite Praesto™

SP65

Agarose Highly Cross Linked Strong Cation Exchanger, 65 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

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Matrix	Cross-linked agarose
Functional group	$CH_2CH_2CH_2SO_3$ -
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

ECOLAB®
2026 Purolite
All rights reserved.

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.

www.puroliteresins.com

We're ready to solve your process challenges.

For further information on products and services, visit www.puroliteresins.com or complete a Contact Us form via PuroliteResins.com/contact-us or use the QR code.

Contact Us Form:

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Purolite expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

2026 Purolite
All rights reserved.