



## SIZE EXCLUSION CHROMATOGRAPHY

# TECHNICAL SPECIFICATIONS CROSSLINKED Agarose Bead Standard

PRODUCT	2% BCL Agarose Bead Standard (50 – 150 µm)	4% BCL Agarose Bead Standard (50 – 150 µm)	6% BCL Agarose Bead Standard (50 – 150 µm)	8% BCL Agarose Bead Standard (50 – 150 µm)	10% BCL Agarose Bead Standard (50 – 150 µm)
CAT. No.	A-1021S-X	A-1041S-X	A-1061S-X	A-1081S-X	A-1101S-X
BEAD GEOMETRY & SIZE	Spherical ~50 – 150 µm				
BEAD MEAN DIAMETER ( $d_{50v}$ )	~ 90 µm				
CROSSLINKED	Yes				
AGAROSE %	2%	4%	6%	8%	10%
CHEMICAL STABILITY	Stable in all solutions commonly used in gel filtration, 2 M NaOH, 8 M urea, 6 M guanidine hydrochloride, 30% isopropanol, 70% Ethanol and commonly used detergents				
pH STABILITY WORKING RANGE	3 - 13				
pH STABILITY CLEANING IN PLACE (CIP)	2 - 14				
LINEAR RECOMMENDED FLOW RATE	< 15 cm/h	< 26 cm/h	< 30 cm/h	< 36 cm/h	< 40 cm/h
FRACTIONATION (MW) GLOBULAR PROTEINS Da	$7 \times 10^4 - 40 \times 10^6$	$7 \times 10^4 - 2 \times 10^7$	$1 \times 10^4 - 4 \times 10^6$	$1 \times 10^4 - 1 \times 10^6$	$1 \times 10^4 - 5 \times 10^5$
EXCLUSION LIMIT Da	$>40 \times 10^6$	$>2 \times 10^7$	$> 4 \times 10^6$	$>1 \times 10^6$	$>1 \times 10^5$
ANTIMICROBIAL AGENT	20% Ethanol				
STORAGE TEMPERATURE	2 – 30°C				

X: Product quantity. 500 ml, 1 L or 10 L.

For laboratory use only. Not for use in diagnostic or therapeutic procedures.

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