

**HTC Agarose Resins, Standard
 TECHNICAL SPECIFICATIONS**

BEAD (Geometry, size)	Spherical, Standard: ~ 50-150 µm (approx.)	
CROSS-LINKED	Highly crosslinked agarose beads	
TEMPERATURE STABILITY	Autoclavable at 120°C for 20 min in H ₂ O	
pH STABILITY	pH 1.8-14 short term / pH 3.8-13 long term	
CHEMICAL STABILITY	Most commonly used aqueous and organic solutions including: 1 M NaOH, 8M Urea, 5M guanidine HCl, 75% ethanol	
PRODUCT NAME	4% HTC Agarose Beads Standard	6% HTC Agarose Beads Standard
CATALOG NUMBER	R-200	R-201
EXCLUSION LIMIT	~3 x 10 ⁷	~4 x 10 ⁶
MAXIMUM FLOW RATE at 15cm bed height¹	≥500 cm/h	≥1000 cm/h
MAXIMUM PRESSURE at 15cm bed height¹	≥150 kPa	≥300 kPa
ANTIMICROBIAL AGENT	20% EtOH	
STORAGE TEMPERATURE	2 - 30°C	

¹ Column; XK 16/40 (15 cm bed height). System: Äkta Purifier UPC 100. Maximum flow rates: The highest flow that beads withstood for 1 minute without collapsing and the pressure reaching 1MPa.

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