

**AFFINITY HIS-TAG PURIFICATION
 TECHNICAL SPECIFICATIONS
 Chelating HTC Agarose Bulk resins**

BEAD (Geometry, Size)	Spherical, Standard: ~50-150 µm	
EXCLUSION LIMIT	~4 x 10 ⁶	
CROSS-LINKED	Highly crosslinked 6% agarose	
AUTOCLAVABLE	121°, 30'	
ACTIVATING AGENT	Epichlorohydrin	
LIGAND	IDA	
MAXIMUM FLOW RATE at 15 cm bed height¹	1000 cm/h	
MAXIMUM PRESSURE At 15 cm bed height¹	300 kPa	
MATRIX	Very Stable in all commonly used reagents	
PRODUCT NAME	Nickel HTC	Cobalt HTC
BINDING/LOADING CAPACITY (µmol Me²⁺/ml gel)	~20	~15
CATALOG #	R-202	R-203
ANTIMICROBIAL AGENT	20% Ethanol	
STORAGE TEMPERATURE	2-8°C	

¹. Data corresponding to the non-activated HTC beads. 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 1 MPa.

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