

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

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|--|---|-----------------------|
| 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 height ¹ | 1000 cm/h | |
| MAXIMUM PRESSURE At 15 cm bed height ¹ | 300 kPa | |
| MATRIX | Very Stable in all commonly used reagents | |
| PRODUCT NAME | Nickel HTC | Cobalt HTC |
| BINDING/LOADING CAPACITY (µmol Me ²⁺ /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.