DiagAg™ Cobalt Agarose Particles, 6% Crosslinked, 50-150 µm, High Flow

Cat.No: DAG-GB23-08

DESCRIPTION

Description	DiagAg™ Cobalt Agarose Particles, 6% Crosslinked, 50-150 µm, High Flow are suitable for downstream purification using IMAC. These resins combine the advantages of Cobalt purification with the high flow rates. These products are excellent for large scale His-tagged protein purification. This product is high throughput particles designed to meet the demand for industrial process separation, suitable for use with FPLC or HPLC, and can withstand pressures up to 300 kPa. Their rigidity and mechanical resistance permits high flow rates with good resolution in a minimum time frame, making these particles ideal for process-scale use. They are autoclavable. These particles are an ideal support for the immobilization of ligands for Affinity Chromatography and base media support for producing IEX (Ion Exchange) and hydrophobic interaction chromatography resins.

PRODUCT INFORMATION

Diameter	50-150 µm
Functional Group	Co2+
Matrix	6% agarose
Surface Group Density	~15 µmol Me^{2+}/mL gel
Maximum Operating Pressure	300 kPa
Exclusion Limit	~4E+6 daltons
Maximum Linear Velocity	1000 cm/h at 15cm bed height

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Autoclavable	30 min at 121°C

STORAGE AND SHIPPING

Storage Buffer	20% ethanol
Stability	Very stable in all commonly used reagents.
Storage	Store at 4°C. Do not freeze.

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