

SPECIFICATION OF Ni NTA AGAROSE

Items	Descriptions
Appearance	white or slightly off white gel
Odor	no obvious smell, except alcohol
Ionic group	Ni ²⁺
Matrix	cross-linked Agarose 6%, micro beads
Particle size	50-170 μm
Protein load capacity	>50mg/ml
Ni load capacity	30-50 $\mu\text{mol/ml}$
Exclusion limit	3 millions
Flow rate	300-600 cm/h
working temperature	4-40°C
Working pH range	pH=3-10
Pressure withstand	0.3 MPa
Stable pH range	pH=2-11
Storage temperature	+4-8°C
Storage buffer	20% alcohol

Please pass the protein solution very slowly through Ni NTA Agarose column or better to make circulation of the protein solution through the NTA Agarose column a few times to give the protein enough time and interaction to attach on the Ni NTA Agarose

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