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Product Datasheet

Ni-NTA Magnetic Agarose Beads
orb154328

Description
Nickel-NTA Magnetic Agarose Beads consist of a ferrimagnetic core that is coated with 6 % cross-linked Agarose coupled to Ni2 positive and negative ions via an Iminodiacetic acid (IDA)-linker > 12 Âµmol Ni2+/ml beads thats ph is between 3-12. Ni-NTA Magnetic Agarose Beads has chemical stability to all solutions commonly used during the purification procedure.

Hazard Information
Non-Toxic

Target
Ni-NTA Magnetic Agarose Beads

Form/Appearance
This product is supplied as a 5% aqueous suspension containing 20% (v/v) ethanol.

Storage
Store at 4°C

Note
For research use only.

Expiration Date
12 months from date of receipt.

Application Notes

Bead size	Ferromagnetic beads coated with 6% cross-linked Ni-NTA Agarose
Linker	Nickel (Ni^{2+} via an Nitrilotriacetic acid (NTA)-linker
Metal loading density	> 12 ?mol Ni^{2+}/ml beads
Medium particle diameter	30 ?M
Protein Binding capacity(1)	70 mg/ml beads
Recommended pH	between 3- 12
Chemical stability	Stable to all solutions commonly used during the purification procedure (refer to the datash