

New England Biolabs Certificate of Analysis

Product Name: Ni-NTA Magnetic Beads
Catalog Number: S1423S
Concentration: 10 %
Lot Number: 10043361
Expiration Date: 03/2022
Storage Temperature: 4°C
Storage Conditions: 20% Ethanol
Specification Version: PS-S1423S/L v1.0

Ni-NTA Magnetic Beads Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1423SVIAL	Ni-NTA Magnetic Beads	10029434	Pass
B1077SVIAL	2M Imidazole	10039062	Pass
B1076SVIAL	2X IMAC Buffer	10029706	Pass

Assay Name/Specification	Lot # 10043361
Functional Binding Assay (Qualitative) Ni-NTA Magnetic Beads (50 µl) were equilibrated and incubated with 200 µl of crude extract from E. coli containing a plasmid that expresses a His6-LysRS fusion protein for 30 minutes at 25°C, then washed, eluted and evaluated by SDS-PAGE to confirm low non-specific binding of extract proteins and high isolation of target.	Pass
Binding Capacity (Magnetic Beads) Ni-NTA Magnetic Beads (50 µl) were equilibrated and incubated with 200 µl of crude extract from E. coli containing a plasmid that expresses a His6-LysRS fusion protein for 30 minutes at 25°C, then washed and the His6-LysRS fusion protein eluted. Binding capacity was determined to be >7.5 mg of target protein per mL of bed volume.	Pass

This product has been tested and shown to be in compliance with all specifications.



Brad Landgraf
Production Scientist
06 Mar 2019



Michael Tonello
Packaging Quality Control Inspector
26 Apr 2019