

New England Biolabs Certificate of Analysis

Product Name: NEBExpress[®] Ni Spin Columns
Catalog Number: S1427L
Packaging Lot Number: 10143799
Expiration Date: 11/2023
Storage Temperature: 4°C
Storage Conditions: 20% Ethanol
Specification Version: PS-S1427S/L v1.0

NEBExpress [®] Ni Spin Columns Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1427SVIAL	NEBExpress [®] Ni Spin Column	10127309	Pass
B1077LVIAL	2M Imidazole	10140246	Pass
B1076SVIAL	2X IMAC Buffer	10137018	Pass

Assay Name/Specification	Lot # 10143799
Functional Binding Assay (Qualitative) NEBExpress [™] Ni Spin Columns (100 µl bed volume) were equilibrated and incubated with 500 µl of crude extract from E. coli containing a plasmid that expresses a His6-GluRS fusion protein for 15 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 (Resin) NEBExpress [™] Ni Spin Columns (100 µl bed volume) were equilibrated and incubated with 500 µl of crude extract from E. coli containing a plasmid that expresses a His6-GluRS fusion protein for 15 minutes at 25°C, then washed and the His6-GluRS fusion protein eluted. Binding capacity was determined to be ≥1.0 mg of target protein per column.	Pass

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



Brad Landgraf
Production Scientist
04 Mar 2022



Michael Tonello
Packaging Quality Control Inspector
04 Mar 2022