

New England Biolabs Certificate of Analysis

Product Name: NEBExpress[®] Ni Spin Columns
 Catalog Number: S1427L
 Packaging Lot Number: 10166506
 Expiration Date: 09/2024
 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 | 10163807 | Pass |
| B1077LVIAL | 2M Imidazole | 10157970 | Pass |
| B1076SVIAL | 2X IMAC Buffer | 10153867 | Pass |

| Assay Name/Specification | Lot # 10166506 |
|--|----------------|
| <p>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.</p> | Pass |
| <p>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.</p> | 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
16 Sep 2022



Michael Tonello
Packaging Quality Control Inspector
04 Oct 2022