

New England Biolabs Certificate of Analysis

Product Name: NEBExpress® Ni Spin Columns
 Catalog Number: S1427L
 Packaging Lot Number: 10137017
 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	10092870	Pass
B1076SVIAL	2X IMAC Buffer	10137018	Pass

Assay Name/Specification	Lot # 10137017
<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
<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

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
18 Feb 2022



Michael Tonello
Packaging Quality Control Inspector
18 Feb 2022