

New England Biolabs Certificate of Analysis

Product Name: NEBExpress™ Ni Spin Columns
 Catalog Number: S1427S
 Packaging Lot Number: 10064461
 Expiration Date: 12/2021
 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	10063424	Pass
B1077SVIAL	2M Imidazole	10055325	Pass
B1076SVIAL	2X IMAC Buffer	10055324	Pass

Assay Name/Specification	Lot # 10064461
<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.



Brad Landgraf
Production Scientist
19 Dec 2019



Michael Tonello
Packaging Quality Control Inspector
09 Jan 2020