

New England Biolabs Certificate of Analysis

Product Name: NEBExpress™ Ni Resin
 Catalog Number: S1428S
 Lot Number: 10056766
 Expiration Date: 09/2022
 Storage Temperature: 4°C
 Storage Conditions: 20% Ethanol
 Specification Version: PS-S1428S v1.0

NEBExpress™ Ni Resin Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1428SVIAL	NEBExpress™ Ni Resin	10056765	Pass

Assay Name/Specification	Lot # 10056766
<p>Functional Binding Assay (Qualitative, Resin) NEBExpress™ Ni Resin (1 ml bed volume) was equilibrated and incubated with 5 ml 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 Resin (1 ml bed volume) was equilibrated and incubated with 5 ml 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 ≥10 mg of target protein per ml of resin.</p>	Pass

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



Brad Landgraf
Production Scientist
26 Sep 2019



Josh Hersey
Packaging Quality Control Inspector
30 Sep 2019