

## New England Biolabs Certificate of Analysis

Product Name: NEBExpress™ Ni Resin  
 Catalog Number: S1428S  
 Packaging Lot Number: 10062041  
 Expiration Date: 12/2022  
 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	10062042	Pass

Assay Name/Specification	Lot # 10062041
<p><b>Binding Capacity (Resin)</b>            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
<p><b>Functional Binding Assay (Qualitative, Resin)</b>            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

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



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Brad Landgraf  
Production Scientist  
09 Dec 2019



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Michael Tonello  
Packaging Quality Control Inspector  
12 Dec 2019