

## New England Biolabs Certificate of Analysis

Product Name: Amylose Magnetic Beads  
 Catalog Number: E8035S  
 Concentration: 10 mg/ml  
 Packaging Lot Number: 10146860  
 Expiration Date: 09/2024  
 Storage Temperature: 4°C  
 Storage Conditions: 20% Ethanol  
 Specification Version: PS-E8035S v1.0

Amylose Magnetic Beads Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E8035SVIAL	Amylose Magnetic Beads	10117891	Pass

Assay Name/Specification	Lot # 10146860
<p><b>Binding Capacity (Magnetic Beads)</b>            Amylose Magnetic Beads ( 1 mg ) were equilibrated and incubated with 500 µl of crude extract from E. coli containing a plasmid that expresses a MBP5*-paramyosinΔSal fusion protein for 2 hours at 25°C, then washed and the MBP5*-paramyosinΔSal fusion protein eluted. Binding capacity was determined to be &gt;10 µg of target protein per mg of beads.</p>	Pass
<p><b>Functional Binding Assay (Qualitative)</b>            Amylose Magnetic Beads ( 1 mg ) were equilibrated and incubated with 500 µl of crude extract from E. coli containing a plasmid that expresses a MBP5*-paramyosinΔSal fusion protein for 2 hours 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  
12 May 2022



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Josh Hersey  
Packaging Quality Control Inspector  
12 May 2022