

## New England Biolabs Certificate of Analysis

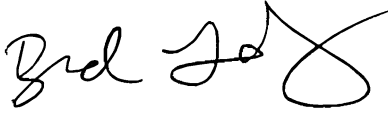
*Product Name:* Amylose Magnetic Beads  
*Catalog Number:* E8035S  
*Concentration:* 10 mg/ml  
*Packaging Lot Number:* 10260306  
*Expiration Date:* 03/2027  
*Storage Temperature:* 4°C  
*Storage Conditions:* 20% Ethanol  
*Specification Version:* PS-E8035S v1.0

Amylose Magnetic Beads Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E8035SVIAL	Amylose Magnetic Beads	10222143	Pass

Assay Name/Specification	Lot # 10260306
<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>	<b>Pass</b>
<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>	<b>Pass</b>

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

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20 Mar 2024



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Michael Tonello  
Packaging Quality Control Inspector  
22 Oct 2024