

## New England Biolabs Certificate of Analysis

*Product Name:* Amylose Magnetic Beads  
*Catalog #:* E8035S  
*Concentration:* 10 mg/ml  
*Lot #:* 0081709  
*Assay Date:* 09/2017  
*Expiration Date:* 09/2020  
*Storage Temp:* 4°C  
*Storage Conditions:* 20% Ethanol  
*Specification Version:* PS-E8035S v1.0  
*Effective Date:* 15 Jun 2018

Assay Name/Specification (minimum release criteria)	Lot #0081709
<p><b>Binding Capacity (Magnetic Beads)</b> - Amylose Magnetic Beads ( 1 mg ) were equilibrated and incubated with 500 µl of crude extract from <i>E. coli</i> 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 <i>E. coli</i> 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>



Authorized by  
Derek Robinson  
15 Jun 2018



Inspected by  
Michael Sproviero  
11 Sep 2017

