

New England Biolabs Certificate of Analysis

Product Name: Amylose Magnetic Beads
 Catalog Number: E8035S
 Concentration: 10 mg/ml
 Packaging Lot Number: 10162226
 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 # 10162226
<p>Binding Capacity (Magnetic Beads) 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 >10 µg of target protein per mg of beads.</p>	Pass
<p>Functional Binding Assay (Qualitative) 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
21 Sep 2021



Josh Hersey
Packaging Quality Control Inspector
30 Sep 2022