

New England Biolabs Certificate of Analysis

Product Name: Amylose Magnetic Beads
Catalog Number: E8035S
Concentration: 10 mg/ml
Lot Number: 10030584
Expiration Date: 12/2021
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	10030585	Pass

Assay Name/Specification	Lot # 10030584
<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.



Brad Landgraf
Production Scientist
10 Dec 2018



Michael Tonello
Packaging Quality Control Inspector
11 Dec 2018