

New England Biolabs Certificate of Analysis

Product Name: Amylose Magnetic Beads
Catalog Number: E8035S
Concentration: 10 mg/ml
Unit Definition:
Lot Number: 10016080
Expiration Date: 07/2021
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 | 10013333 | Pass |

| Assay Name/Specification | Lot # 10016080 |
|--|----------------|
| <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
13 Jul 2018



Michael Tonello
Packaging Quality Control Inspector
17 Jul 2018