

# Certificate of Analysis

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                |            |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------|
| <b>Product Name</b>           | Streptavidin Magnetic Beads                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                |            |
| <b>Cat.No.</b>                | M7431M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Storage Conditions</b>      | 4°C        |
| <b>Lot.No.</b>                | 260221E01-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Expiration Date</b>         | 20-02-2027 |
| <b>Molecular Formula</b>      | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Molecular Weight</b>        | N/A        |
| <b>CAS Number</b>             | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Excitation<br/>Emission</b> | N/A        |
| <b>Quality Control</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                |            |
| <b>Items</b>                  | <b>Specification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Result</b>                  |            |
| Packaging appearance          | The outer packaging is free from obvious scratches, damages, spots, and pollutants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Meet quality requirements      |            |
| Appearance and identification | <p>The magnetic bead suspension is uniformly dispersed, without aggregation or wall adhesion; it appears brownish-black.</p> <p>All components are complete, the reagent bottles are not deformed, damaged, or scattered, the bottle caps are not loose, and there is no leakage.</p> <p>The content of both internal and external labels should include the product name, specifications, item number, batch number, production date, expiration date, and storage temperature. The external label should include the company name, and the information on the internal and external labels should be accurate</p> | Meet quality requirements      |            |



|                                                                                                                                                                                                                                                                                                                   |                                                     |                               |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------|------------|
| and consistent; the labels should be clear and the content correct; with good adhesion, without skewness, detachment, or other defects. The instruction manual is a controlled version, without omission or misplacement, and the product name, item number, and other information are consistent with the label. |                                                     |                               |            |
| Net contents                                                                                                                                                                                                                                                                                                      | Identify volume≤Actual volume≤Identify volume*110%  | Meet quality requirements     |            |
| Particle size                                                                                                                                                                                                                                                                                                     | 600-1400nm                                          | 1400nm                        |            |
| Solid Content                                                                                                                                                                                                                                                                                                     | 10±1mg/mL                                           | 10.1mg/mL                     |            |
| Magnetic bead morphology                                                                                                                                                                                                                                                                                          | Good magnetic bead morphology, no obvious breakage. | Meet quality requirements     |            |
| Biotinylated single-stranded oligonucleotide binding capacity                                                                                                                                                                                                                                                     | ≥450 pmol/mg magnetic beads.                        | 740.02 pmol/mg magnetic beads |            |
| Biotinylated rabbit IgG binding capacity                                                                                                                                                                                                                                                                          | ≥15 µg/mg magnetic beads.                           | 15.94 µg/mg magnetic beads    |            |
| Appendix                                                                                                                                                                                                                                                                                                          |                                                     |                               |            |
| This Product has been tested and the components have been found to conform to UE quality standards.                                                                                                                                                                                                               |                                                     |                               |            |
| Conclusion                                                                                                                                                                                                                                                                                                        | Up to standard                                      | Report Date                   | 07-07-2026 |
| QC                                                                                                                                                                                                                                                                                                                | Cen ming Jiang                                      | QA                            | Qin hua-Yu |

