

## Certificate of Analysis

|                       |                                            |
|-----------------------|--------------------------------------------|
| Product name          | Mbranguard Hollow Fiber Membrane Cartridge |
| CAT No.               | MGN200-10F6T                               |
| LOT No.               | 241202001                                  |
| Components            |                                            |
| Housing material      | Polypropylene, PP                          |
| Membrane material     | Polyethersulfone, PES                      |
| Potting material      | Polyurethane, PUR                          |
| Pore size of membrane | 0.2μm                                      |
| Date of Inspection    | Dec 2, 2024                                |

## Test Items and Analysis Results

| Item                  | Method      | Specification                                      | Results of Testing             | Status |
|-----------------------|-------------|----------------------------------------------------|--------------------------------|--------|
| Appearance Inspection | mbranfiltra | No stain, cracks, creases or wrinkle in filters    | No defects in appearance.      | Pass   |
| Leaking test          | mbranfiltra | No leaking or visible bubbles during 30s at 4 psi. | No visible bubble was observed | Pass   |

\*The results within this report apply only to the product tested and batched under the batch number identified above.

## Original material test results

| Item                       | Method                 | Status |
|----------------------------|------------------------|--------|
| Polypropylene, PP          | FDA 21 CFR 177.1520    | Pass   |
| Polyethersulfone, PES      | FDA 21 CFR 177.2440    | Pass   |
| Polyurethane, PUR          | FDA 21 CFR 177.1680    | Pass   |
| Filters                    | FDA 21 CFR 211.72      | Pass   |
| Non-fiber Releasing Filter | FDA 21 CFR 210.3(b)(6) | Pass   |

\* This data results are provided to mbranfiltra by raw material suppliers, and the results within this report apply only to the product tested and batched under the batch number identified above.

Approved by:

Authorized by:

Analyzer

Quality Manager



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