

## Certificate of Analysis

We hereby certify the quality of membrane filter as follows :

Product Name : Mixed Cellulose Ester type membrane filter  
 ITEM : 7141-004  
 LOT No. : 90902203  
 PORE SIZE : 0.45  $\mu$  m

Item	Result		
Bubble Point(MPa) *1	0.185	Min.	
Burst Strength(MPa)	0.160	Min.	
Water Flow Rate(mL/min·cm <sup>2</sup> ) *2	61.8	Min.	
Thickness( $\mu$ m)	131	Ave.	
RECOVERY (%)			
1)Total Coliform ATCC 25922	102.5		
2)Fecal Coliform ATCC 25922	97.1		
3)Fecal Streptococcus ATCC 33186	101.9		

\*1 Bubble Point is determined in accordance with ASTM F316-03 Standard Test Methods for Pore Size Characteristics of Membrane Filters by Bubble Point and Mean Flow Pore Test.

\*2 Flow Rate is determined in accordance with ASTM F317-72 Standard Test Method for Liquid Flow Rate of Membrane Filters. Pressure -0.069MPa.

  
 Authorized Signature

### Conformance & Quality systems statement

This is to certify that this product conforms to GE Healthcare Life Sciences specifications.

All products are manufactured via a Quality System certified to BS EN ISO9001:2015 and tested in accordance with documented quality procedures and approved as a result of meeting the required specification.

### Electronic signature

This document has been electronically produced and is valid without a signature.

*\*The information herein is provided to the best of our knowledge and belief, based on the information we have been given and the information available to us at the time this document was issued. The information may change as additional facts come to light, or as the circumstances warrant. Your use hereof is hence at your own risk and does not relieve you of your responsibility for checking suitability of our products for your intended use.*