Test Report NBF21-004693-01 Date: 02 Jun 2021

Client Name: Membrane Solutions Corp
Client Address: No.197,Ruixing Road, NETDA Nantong City, Jiangsu Province, P.R.China

Sample Name: Water Filter Straw
Manufacturer: Membrane Solutions Corp
Sample Batch No.: /
Production Date: /

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Date of Sample Received: 17 May 2021
Testing Period: 17 May 2021 - 02 Jun 2021
Test Requested: Selected test(s) as requested by client.
Test Method: Please refer to the next page(s)
Test Result(s): Please refer to the next page(s)

Unless otherwise stated the results shown in this test report refer only to the items tested, and for clients internal use only, not to the society has the proof function. This document cannot be used for improper publicity, without prior written approval of the SGS.

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NBF21-004693-01

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SGS Authorized Signature

Test Report NBF21-004693-01 Date: 02 Jun 2021

Sample Description:

Specimen No.	SGS Sample ID	Description
1	NBF21-004693.001	Water Filter Straw

Test Requested:
Selected test(s) as requested by applicant:
Removal rates of Total coliforms, Turbidity at startup of operating life.

Test Strain(s):
Escherichia coli CICC 10389

Test Method:
Removal rate of Total coliforms: Refer to Ministry of Health of the People's Republic of China Standards for Drinking Water Quality Sanitary Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water-General Devices & Refer to GB/T 5750.12-2006 Standard examination methods for drinking water-Microbiological parameters
Removal rate of Turbidity: Refer to Ministry of Health of the People's Republic of China Standards for Drinking Water Quality Sanitary Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water-General Devices & GB/T 5750.4-2006 Standard examination methods for drinking water – Organoleptic and physical parameters

Test Result(s):

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s) %
			Influent spiked water	Effluent filtrated water	
Total coliforms	CFU/100mL	GB/T 5750.12-2006	2.7×10^{7}	<1	>99.99999
Turbidity	NTU	GB/T 5750.4-2006	54.30	0.25	99.53960

Remark:
1.*Removal rate (%) = (test result of Influent spiked water- test result of Effluent filtrated water)/ test result of Influent spiked water×100%
2.The flow rate is 0.2 L/min