

Test Report NBF22-001634-02 Date: 22 Mar 2022

Client Name: Xiamen U water Syetem Industry and Trade co., Ltd

Client Address: Room 601, Factory 1#, No.3 Kengping Road, Jimei District, Xiamen

Sample Name: Survival straw

Manufacturer: /
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: 24 Feb 2022

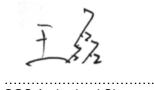
Testing Period: 24 Feb 2022 - 22 Mar 2022

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)

Chinese shall prevail in this report.

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.





SGS Authorized Signature

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Test Report NBF22-001634-02 Date: 22 Mar 2022

Sample Description:

Specimen No. SGS Sample ID Description
1 NBF22-001634.001 Filter straw

Test Requested:

Selected test(s) as requested by applicant

Test Strain(s):

Escherichia coli CICC 10389 Escherichia coli bacteriophage MS2 ATCC 15597-B1—Coliphage Escherichia coli ATCC 700891—Host bacteria

Test Method:

Flush the filter straw with 2L sterile pure water, then add spiked water, and test the removal rates of Total coliforms and Escherichia coli bacteriophage MS2 at startup of operating life.

Challenge Testing: 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

Escherichia coli bacteriophage MS2: Refer to EPA method 1602 Male-specific (F⁺)and somatic coliphage in water by single agar layer (SAL) procedure

Total coliforms: Refer to GB/T 5750.12-2006 Standard examination methods for drinking water-Microbiological parameters

Test Result(s):

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal
			Influent spiked water	Effluent filtrated water	rate(s) %
Escherichia coli bacteriophage MS2	PFU/mL	EPA Method 1602	5.5×10 ⁵	<1	>99.999
Total coliforms	CFU/100mL	GB/T 5750.12-2006	5.1×10 ⁵	<1	>99.999

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 0.5 L/min

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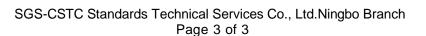
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Sample photo:



SGS authenticate the photo on original report only

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