



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

scan to see the report



NBF22-001634-02

SGS-CSTC Standards Technical Services Co., Ltd.Ningbo Branch
Page 1 of 3



SGS-CSTC Standards Technical Services Co., Ltd.
Ningbo Branch Agricultural and Food Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

NO.3, NO.4 Building Lingyun Industry Park, No.1177 Lingyun Road, Ningbo National Hi-Tech Zone, Ningbo, China 315040 t 400-691-0488 f (86-574) 8752 9318 www.sgs.com.cn
中国·浙江·宁波市国家高新区凌云路1177号凌云产业园3号楼, 4号楼 邮编: 315040 t 400-691-0488 f (86-574) 8752 9318 e sgs.china@sgs.com



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 rate(s) %
			Influent spiked water	Effluent filtrated water	
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:

- *Removal rate (%) = (test result of Influent spiked water- test result of Effluent filtrated water)/ test result of Influent spiked water×100%
- The flow rate is 0.5 L/min

SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Page 2 of 3



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
 Ningbo Branch Agricultural and Food Laboratory

NO.3, NO.4 Building Lingyun Industry Park, No.1177 Lingyun Road, Ningbo National Hi-Tech Zone, Ningbo, China 315040 t 400-691-0488 f (86-574) 8752 9318 www.sgs.com.cn
 中国·浙江·宁波市国家高新区凌云路1177号凌云产业园3号楼, 4号楼 邮编: 315040 t 400-691-0488 f (86-574) 8752 9318 e sgs.china@sgs.com



Test Report

NBF22-001634-02

Date: 22 Mar 2022

Sample photo:



NBF22-001634.001

SGS authenticate the photo on original report only

*** End ***

