Test Report

NBF26-0012859-01 **Date:** 2026-05-21

Client Name: Yongkang Filtertech Outdoor Products Co., Ltd.

Client Address: No. 16, Fuqiang Road, Xiaoliao Village, Shizhu Town, Yongkang City, Zhejiang Province, China

Sample Name:	Water Filter Straw
Sample Batch No.:	/
Production Date:	/
Manufacturer:	/
Sample other information:	Item No.S4

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.

SGS reference No.:	SZHL2604018853TY
Date of Sample Received:	2026-05-13
Testing Period:	2026-05-13 ~ 2026-05-21
Test Requested:	Select test(s) as requested by the client.
Test Method(s):	Please refer to next page(s).
Test Result(s):	Please refer to next page(s).

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SGS Approved Signatory

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Test Report

NBF26-0012859-01 **Date:** 2026-05-21

Sample Description:

Sample No.	SGS Sample ID	Description
0001	NBF26-0012859-0001	Water Filter Straw, Quantity: 5 sets

Test Requested:
Selected test(s) as requested by applicant:
Test the Removal rate of microorganism (*Escherichia coli*), microorganism (*Salmonella typhimurium*), microorganism (*Klebsiella terrigena*) at the start-up of the service life.

Test Strain(s):
Escherichia coli ATCC 25922
Salmonella typhimurium ATCC 14028
Klebsiella terrigena 190737

Test Method:
Challenge Testing:Refer to Client method
Colony count: ISO 6222:1999 Water quality - Enumeration of culturable micro-organisms - Colony count by inoculation in a nutrient agar culture medium

Test Result(s):

Test point(s)	Test item(s)	Unit(s)	Test result(s)		*Removal rate (%)
			Influent spiked water	Effluent filtrated water	
start-up	Colony count (Spiked strain: *Escherichia coli*)	CFU/mL	$1.2x10^5$	<1	>99.999
start-up	Colony count (Spiked strain: *Salmonella typhimurium*)	CFU/mL	$1.5x10^5$	<1	>99.999
start-up	Colony count (Spiked strain: *Klebsiella terrigena*)	CFU/mL	$2.6x10^5$	<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 0.45 L/min.

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Sample photo:

NBF26-0012859-0001

SGS authenticate the photo on original report only

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*** End***

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