

## Test Report

XMF24-0011399-01

Date: 2024-12-27

Client Name: Premium Water Distribution

Client Address: 32340 CASTET ARROUY FRANCE

Sample Name: Ultimate Star Filter

Sample Batch No.: /

Production Date: /

Manufacturer: /

Sample other information: Star Water Filter®

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: 2024-11-12

Testing Period: 2024-11-12 ~ 2024-12-26

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Results(s): Please refer to next page(s).



Scan to see the report



XMF24-0011399-01

Verification:  
check.sgsonline.com.cn

SGS Approved Signatory

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

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# Test Report

XMF24-0011399-01

Date: 2024-12-27

## Sample Description:

Sample No.	SGS Sample ID	Description
1	XMF24-0011399-0001	Ultimate Star Filter

## Test requested:

Selected test(s) as requested by applicant: Test the removal rate of MS2 Coliphage at the start-up, 1500 L and 3000 L test point of the service life.

## Test method(s):

Hygienic Function Testing (MS2 Challenge Testing): Refer to Ministry of Health of the People's Republic of China Sanitary Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water – General Device.

MS2 Coliphage: Refer to EPA method 1602 Male-specific (F+) and somatic coliphage in water by single agar layer (SAL) procedure MS2 ATCC15597-B1—Coliphage (Bacterial virus).

## Test strain(s):

MS2 ATCC15597-B1—Coliphage (Bacterial virus)

Escherichia Coli ATCC 700891—Host bacteria

## Test Result(s):

Testing Point	Test item(s)	Unit(s)	Test method(s)	Test Result(s)		*Removal Rate (%)
				Influent spiked water	Effluent filtrated water	
Start-up	MS2 Coliphage	PFU/mL	EPA Method 1602	$3.5 \times 10^4$	<1	99.99
1500 L	MS2 Coliphage	PFU/mL	EPA Method 1602	$7.6 \times 10^3$	<1	99.98
3000 L	MS2 Coliphage	PFU/mL	EPA Method 1602	$9.0 \times 10^4$	<1	99.99

## Remark:

- \*Removal Rate (%) = (The test result of Influent spiked water - The test result of Effluent filtrated water) / The test result of Influent spiked water x100%
- The flow rate is 0.15 L/min.

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## Test Report

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Date: 2024-12-27

### Sample Photo:



SGS authenticate the photo on original report only

### Attention:

Unless otherwise stated the results shown in this report refer only to the items tested. Within the territory of the People's Republic of China, this test report shall only be used for scientific research, technical research and development, teaching, and internal quality control.

\*\*\* End\*\*\*



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