

**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®

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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

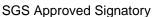
Test Requested: Select test(s) as requested by the client.

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

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









Verification: check.sgsonline.com.cn

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# **Test Report**

**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
				Influent spiked water	Effluent filtrated water	Rate (%)
Start-up	MS2 Coliphage	PFU/mL	EPA Method 1602	3.5×10 <sup>4</sup>	<1	99.99
1500 L	MS2 Coliphage	PFU/mL	EPA Method 1602	7.6×10 <sup>3</sup>	<1	99.98
3000 L	MS2 Coliphage	PFU/mL	EPA Method 1602	9.0×10 <sup>4</sup>	<1	99.99

### Remark:

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





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**Test Report** XMF24-0011399-01 Date: 2024-12-27

Sample Photo:



SGS authenticate the photo on original report only

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