

Test Report

XMF25-0014327-01

Date: 2026-02-24

Client Name: Premium Water Distribution

Client Address: 16 Rue St Anoine du T, 31000 Toulouse, 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: 2025-12-02

Testing Period: 2025-12-02 ~ 2026-02-12

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).



SGS Approved Signatory

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Verification:
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Date: 2026-02-24

Sample Description:

Sample No.	SGS Sample ID	Description
1	XM25-0014327-0001	Ultimate Star Filter®

Test requested:

Selected test(s) as requested by applicant: RO water is continuously fed at a flow rate of 1.5 L/min throughout the process. At start-up, 750 L, 1500 L, 2250 L, and 3200 L of the service life, the influent spiked water is prepared according to the NSF/ANSI 53-2023 standard requirements, and the removal rate is then tested at a flow rate of 0.15 L/min.

Test method(s):

Hygienic Function Testing (Counts of particle size Challenge Testing): Refer to client's method.
Counts of particle size ($\geq 5.00 \mu\text{m}$ - $< 20.00 \mu\text{m}$): ASTM D5127-13 (2018) Standard Guide for Ultra-Pure Water Used in the Electronics and Semiconductor Industries.

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	#Counts of particle size	Counts/ml	ASTM D5127-13 (2018)	32467	21	99.9
750 L	#Counts of particle size	Counts/ml	ASTM D5127-13 (2018)	30333	99	99.7
1500 L	#Counts of particle size	Counts/ml	ASTM D5127-13 (2018)	129900	86	99.9
2250 L	#Counts of particle size	Counts/ml	ASTM D5127-13 (2018)	167500	229	99.9
3200 L	#Counts of particle size	Counts/ml	ASTM D5127-13 (2018)	569267	556	99.9

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.
- #Test item(s) is/are carried out by SAE Technologies Development (Dongguan) Co., Ltd. The spiked substance is 5.00 μm polystyrene particles.

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Sample Photo:



SGS authenticate the photo on original report only

Attention:

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