

## Test Report

NBF25-0002198-01

Date: 2025-03-17

Client Name: Acala GmbH

Client Address: Auf dem Brühl 1-20, 72658 Bempflingen, Germany

Sample Name: Outdoorfilter Pro

Sample Batch No.: /

Production Date: /

Manufacturer: Acala GmbH

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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: 2025-02-11

Testing Period: 2025-02-11 ~ 2025-03-17

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).



SGS Approved Signatory

SGS-CSTC Standards Technical Services Co.

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## Test Report

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### Sample Description:

Sample No.	SGS Sample ID	Description
1	NBF25-0002198-0001	Outdoorfilter Pro, Quantity: 5 sets

### Test Requested:

Selected test(s) as requested by applicant:

Removal rate of *Escherichia coli* bacteriophage MS2 at startup of operating life.

### Test Strain(s):

*Escherichia coli* bacteriophage MS2 ATCC 15597-B1—Coliphage

*Escherichia coli* ATCC 700891—Host bacteria

### Test Method:

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 US EPA method 1602 Male-specific (F<sup>+</sup>) and somatic coliphage in water by single agar layer (SAL) procedure

### Test Result(s):

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s) %
			Influent spiked water	Effluent filtrated water	
<i>Escherichia coli</i> bacteriophage MS2	PFU/mL	EPA Method 1602	9.0×10 <sup>5</sup>	<1	>99.99

Remark:

1. \*Removal rate (%) = (test result of Influent spiked water- test result of Effluent filtrated water)/ test result of Influent spiked water×100%

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Ningbo Branch Inspection & Testing Laboratory

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Member of the SGS Group (SGS SA)

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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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