

Test Report

QDF25-0049810-01

Date: 2025-06-25

Client Name: GREEN DRAIN

Client Address: Birk Centerpark 40, 7400 Herning

Sample Name: Green Drain Waterless trap seal (GD3)

Sample Batch No.: /

Production Date: /

Manufacturer: Green Drain

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: 2025-06-17

Testing Period: 2025-06-17 ~ 2025-06-23

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

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Test Report

QDF25-0049810-01

Date: 2025-06-25

Sample Description:

Sample No.	SGS Sample ID	Description
1	QDF25-0049810-0001	solid

Test Result(s):

Test Requested: Cover the top of a PVC pipe with an inner diameter of 75mm with a sealing cap and insert a trap seal(GD3) at the bottom as the test group. Only cover the top but without the trap seal at the bottom as the control group. Place both groups into a pair of 1 m³ air chambers respectively. Spray MS2 bacteriophage aerosol into the air chambers and use a small fan to blow air toward the bottom of the PVC pipe. After a 10-minute exposure, disinfect the outer surfaces and transfer them to a biosafety cabinet. Collect the internal gas in the pipe, and test the content of MS2 bacteriophage. The test was repeated for three rounds.

Test Method: Laboratory Method

Test organism(s)	Repeated Test Round	Bacteriophage content (Unit: PFU)		Virus Retention Rate (%)	Average Rate (%)
		Test Group	Control Group		
MS2 (ATCC 15597-B1)	1 st	<5	7.25×10 ⁴	>99.9	>99.9
	2 nd	<5	6.20×10 ⁴	>99.9	
	3 rd	<5	1.80×10 ⁴	>99.9	

Note:

1. Test chamber volume: 1m³
2. Exposure time: 10 mins
3. Virus Retention Rate (%) = (Bacteriophage content of control group- Bacteriophage content of test group) / Bacteriophage content of control group×100%

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*** End***

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