Test Report

NBF26-0021774-01 **Date:** 2026-08-05

Client Name: MASSPHOTON LIMITED

Client Address: Unit 542, 5F, Building 5W, Phase One, Hong Kong Science Park, New Territories, Hong Kong.

Sample Name:	MP-UVC-70LP
Sample Batch No.:	/
Production Date:	/
Manufacturer:	/
Sample other information:	MP-UVC-70LP

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.

SGS reference No.:	SHFT2607000503HS
Date of Sample Received:	2026-07-16
Testing Period:	2026-07-16 ~ 2026-08-04
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).

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SGS Approved Signatory

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Verification:
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Sample Description:

Sample No.	SGS Sample ID	Description
0001	NBF26-0021774-0001	MP-UVC-70LP, Quantity: 1 set

Test Requested:
Selected test(s) as requested by applicant:
Test the removal rate of *Escherichia coli* bacteriophage MS2 at the start-up 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 Client method
Escherichia coli bacteriophage MS2: Refer to EPA method 1602 Male-specific (F+) and somatic coliphage in water by single agar layer (SAL) procedure

Test Result(s):

Test point(s)	Test item(s)	Unit(s)	Test result(s)		*Removal rate (%)
			Influent spiked water	Effluent sterilized water	
start-up	*Escherichia coli* bacteriophage MS2	PFU/mL	1.2×10^5	<1	>99.999

Remark:
1. *Removal rate (%) = (test result of Influent spiked water - test result of Effluent sterilized water) / test result of Influent spiked water×100%.
2. The flow rate is 70 L/min

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Sample photo:



NBF26-0021774-0001

SGS authenticate the photo on original report only

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