

Test Report

NBF26-0015899-01

Date: 2026-06-17

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-48LC-PLUS

Sample Batch No.: /

Production Date: /

Manufacturer: /

Sample other information: Sample Model No. MP-UVC-48LC-PLUS

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.: SHFT2605000368HS

Date of Sample Received: 2026-06-04

Testing Period: 2026-06-04 ~ 2026-06-17

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

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Verification:
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NBF26-0015899-01

Date: 2026-06-17

Sample Description:

Sample No.	SGS Sample ID	Description
0001	NBF26-0015899-0001	MP-UVC-48LC-PLUS, Quantity: 1 set

Test Requested:

Selected test(s) as requested by applicant:

Removal rate of microorganism (*Bacillus subtilis* spore) at the startup of operating life.

Test Strain(s):

Bacillus subtilis spore ATCC 6633

Test Method:

Challenge Testing: Refer to Client method

Colony count: Refer to ISO 6222:1999 Water quality - Enumeration of culturable micro-organisms - Colony count by inoculation in a nutrient agar culture medium

Test Result(s):

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate (%)
			Influent spiked water	Effluent sterilized water	
Colony count (Spiked strain: <i>Bacillus subtilis</i> spore)	CFU/mL	ISO 6222:1999	1.1×10^5	<1	>99.999

Remark:

- *Removal rate (%) = (test result of Influent spiked water - test result of Effluent sterilized water) / test result of Influent spiked water $\times 100\%$.
- The flow rate is 48 L/min

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Date: 2026-06-17

Sample photo:



NBF26-0015899-0001

SGS authenticate the photo on original report only

Attention:

Unless otherwise stated the results shown in this test report refer only to the items tested.

*** End***



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