

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

SGS-CSTC Standards Technical Services (Ningbo) Co., Ltd.

Page 1 of 3

Scan to see the report



NBF26-0015899-01

Verification:
check.sgsonline.com.cn



SGS-CSTC Standards Technical Services (Ningbo) Co., Ltd.
Agriculture and Food Testing Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Unit 6, 1F, & Unit 2 & Unit 5, 2F, Building 7 / 1F, & Unit 2, 4F, & 2F, to 5F, Building 4 / Unit 2, 1F, Building 3 / 4F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com.cn
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢1层4层, 003幢3层1层2区, 009幢4号楼1层2区, 009幢4号楼1层-5层, 004幢6号楼1层, 004幢6号楼4层2区, 008幢7号楼1层1区, 008幢7号楼2层2区、5区 sgs.china@sgs.com

Test Report

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 spore</i>)	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×100%.
- The flow rate is 48 L/min



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Ningbo) Co., Ltd. | Unit 6, 1/F., & Unit 2 & Unit 5, 2/F., Building 7 / 1/F., & Unit 2, 4/F., Building 5 / Unit 2, 1/F., & 2/F. to 5/F., Building 4 / Unit 2, 1/F., Building 3 / 4/F., Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com.cn
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢1层4层, 003幢3层2层, 004幢4号楼1层2层, 009幢4号楼1-5层, 004幢6号楼1层, 004幢9号楼4层2层, 008幢7号楼1层, 008幢7号楼2层, 5区 sgs.china@sgs.com

Test Report

NBF26-0015899-01

Date: 2026-06-17

Sample photo:



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***



SGS-CSTC Standards Technical Services (Ningbo) Co., Ltd.
Page 3 of 3



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Ningbo) Co., Ltd. | Unit 6, 1F, & Unit 2 & Unit 5, 2F, Building 7 / 1F, & Unit 2, 4F, Building 5 / Unit 2, 1F, & 2F, to 5F, Building 4 / Unit 2, 1F, Building 3 / 4F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢1层4层, 003幢3号楼1层2区, 001幢4号楼1层2区, 009幢4号楼1-5层, 004幢6号楼1层, 004幢5号楼4层2区, 008幢7号楼1层2区, 008幢7号楼2区、5区 sgs.china@sgs.com