Test Report

Sample Name:	UVC LED Water Disinfection System
Sample model:	MP-UVC-9LC
Applicant:	MASSPHOTON LIMITED
Report date:	May 06,2025

Fujian Berton Testing Service Co., Ltd.

1/F., Building 2, No.23, Xinye Road, Wuping, Longyan, Fujian, china
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Test Report

Test Report No.	BT250522612180EN
Date of Issue	May 06,2025
Test Requirements	Test according to customer requirement
Test Method	Please refer to next page(s)
Test Result	Please refer to next page(s)

CLIENT INFORMATION:

Testing Laboratory name	Fujian Berton Testing Service Co., Ltd.
Address of Laboratory	1/F., Building 2, No.23, Xinye Road, Wuping, Longyan, Fujian, china
Applicant	MASSPHOTON LIMITED
Address of Applicant	Unit 542, 5/F, Building 5W, Phase One, HongKong Science Park, Pak Shek Kok, New Territories,HongKong
Manufacturer	MASSPHOTON LIMITED
Address of Manufacture	Unit 542, 5/F, Building 5W, Phase One, HongKong Science Park, Pak Shek Kok, New Territories,HongKong

SAMPLEINFORMATION:

Sample Name	UVC LED Water Disinfection System
Sample Model	MP-UVC-9LC
Additional model	MP-UVC-200LB, MP-UVC-180LB, MP-UVC-150LB, MP-UVC-130LB, MP-UVC-110LB, MP-UVC-100LB, MP-UVC-90LB, MP-UVC-70LB, MP-UVC-60LB, MP-UVC-50LB, MP-UVC-50LC, MP-UVC-48LB, MP-UVC-48LC, MP-UVC-35LB, MP-UVC-35LC, MP-UVC-30LB, MP-UVC-30LC, MP-UVC-25LB, MP-UVC-25LC, MP-UVC-24LB, MP-UVC-24LC, MP-UVC-18LB, MP-UVC-18LC, MP-UVC-16LB, MP-UVC-16LC, MP-UVC-15LB, MP-UVC-15LC, MP-UVC-12LB, MP-UVC-12LC, MP-UVC-9LC1, MP-UVC-9LC0, MP-UVC-9LC, MP-UVC-9LB, MP-UVC-7.5LC, MP-UVC-7.5LB, MP-UVC-6LC, MP-UVC-6LB, MP-UVC-4LC1, MP-UVC-4LC0, MP-UVC-4LB, MP-UVC-3LB, MP-UVC-3LC, MP-UVC-2LB, MP-UVC-2LC, MP-UVC-1.5LB, MP-UVC-0.8LB, MP-UVC-0.5LB, MP-UVC-0.3LB, MP-UVC-0.1LB
Trademark	/
Testing Period:	Apr.23,2025 to May 06,2025

OVERALL RESULT:

Test Conclusion	PASS

Approved by: Chen Liang **Reviewed by:** Gina **Tested by:** Leo

Fujian Berton Testing Service Co., Ltd. APPROVED

Result Summary:

Test Requested	Conclusion
1.Halogens(Fluorine, Chlorine, Bromine, Iodine)Content — IEC/EN61249-2-21:2003	PASS

Test Result(s):

Description of test sample:

Sample No.	Item / Component Description(s)	Location(s)	Style(s) / Model(s)	Remark
1	Reflective film(mixed)	/	MP-UVC-9LC	/

Note: "/"= Refer to photo of the sample.

1.Halogens(Fluorine, Chlorine, Bromine, Iodine) Content— IEC/EN61249-2-21:2003

Test Method: BS EN 14582:2016, analysis was performed by Ion Chromatograph(IC).

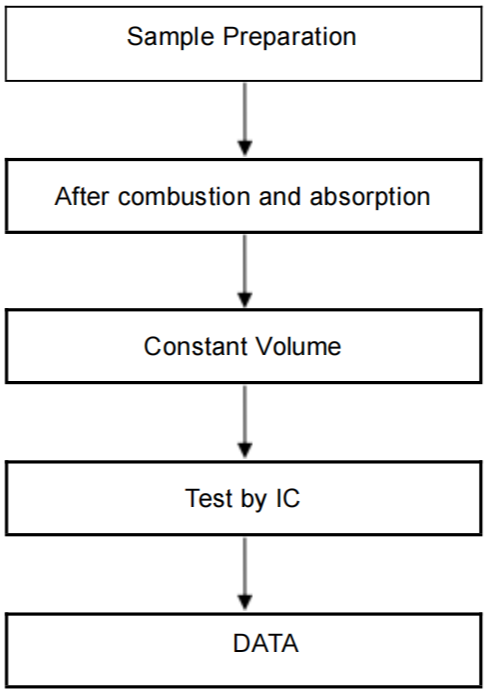
Test Item	Limit	Unit	MDL	No.1
Fluorine(F)	-	mg/kg	25	N.D.
Chlorine(Cl)	900	mg/kg	25	N.D.
Bromine(Br)	900	mg/kg	25	N.D.
Iodine(I)	-	mg/kg	25	N.D.
Cl+Br	1500	mg/kg	-	N.D.

Note:

1. mg/kg = milligram per kilogram= ppm.
2. MDL = Method Detection Limit.
3. N.D. = Not Detected (< MDL) .
4. "-" = Not Regulated
5. As specified by client, the test was conducted by mixing several samples together. The result(s) shown on this report may be different from the content of any homogeneous material.

Remark: As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

Halogens Testing Flow Chart



Appearance of the Product





*** End of Report ***