

Dear Valued Customers,

September 2024  
MARKTEC Corporation  
Quality Assurance Dept

Notification of Change of Calibration Report Format for  
UV Light Intensity Tester

Thank you very much for your continued business. We would like to inform you that the format of Calibration report for UV Light Intensity tester will be changed as follows.

Sincerely yours,

Note

1. Target products

UV Light Intensity Tester UV-2500III

2. Reason for change

The format of the Calibration report will be changed to clarify the difference from the standard with respect to accepted values and calibration values.

3. Change point

【Before change】

- Accepted value is written in the Calibration report.

【After change】

- The accepted value and the difference from the standard are written in the Acceptance test report.

\*The calibration value and the difference from the standard are written in the Calibration report.

For details, please refer to the attached sample report.

4. Effective date

Effective from the issuance in October 2024 or later.

1 of 2

## Customer SAMPLE (E)

Product Name      U.V. Light Intensity Tester

Model UV-2500 III

Product No.      Readout Unit      \*\*\*\*\*

Sensor \*\*\*\*\*

Item No. —

## SAMPLE

We hereby certify that this instrument has been calibrated against MARKTEC Corporation standards. Calibration standard of MARKTEC Corporation is traceable to the NIST(National Institute of Standards and Technology)

DATE 2024/06/28

Performed by

Approved by

H.Takahashi

S. Kudoh

## Equipment

Item	Model	Product No.	Calibration Date	Due Date
Primary Standard 0-15000 $\mu$ W/cm <sup>2</sup> Readout Sensor	XR-1000 XDS-1000	2036206 2036207	2024/04/23	Cycle of Calibration 1 Year
Secondary Standard	UV-2500III •D	Readout 08 Sensor 08	2024/08/28	2024/08/20
UV Light source	LDR2-100UV2-365-W	34255A001	—	—



NARITA PLANT Q.A Department  
681-4,KICHIOKA,NARITA-CITY  
CHIBA 287-0225 JAPAN

Cer No. 5369

2 of 2

**INFORMATION ONLY**

## Calibration Report

Method of Calibration UV light is vertically irradiated to sensor in the UV-light source, and compare with secondary standard in each value.  
When the error margin exceeds our standard, it adjusts it to become in the standard.  
If it is necessary to adjust it, "Before Calibration" displays a value of before.  
New products or it is not necessary to adjust it, "Before Calibration" displays "-".

Permissible Error Permissible error is less than  $\pm 2.5\%$ .

Conditions Test Temperature 23°C  
Test Humidity 60%

☐ New Product ☒ Calibration

D a t e 2024/06/28

### Test Report

Standard Reading ( $\mu\text{W}/\text{cm}^2$ )	Before Calibration ( $\mu\text{W}/\text{cm}^2$ )	After Calibration ( $\mu\text{W}/\text{cm}^2$ )
0	0	0
1000	970	1000
2000	1940	2000
5000	4840	5000
10000	9680	10000
15000	14520	15000



NARITA PLANT Q.A Department  
681-4,KICHIOKA,NARITA-SHI  
CHIBA 287-0225 JAPAN

Cer No. 5369  
1 of 2

INFORMATION ONLY

# Calibration Certificate

Customer SAMPLE (E)

Product Name U.V. Light Intensity Tester

Model UV-2500III

Product No.      Readout Unit      \*\*\*\*\*  
                                 Sensor                      \*\*\*\*\*

Item No.      —

SAMPLE

We hereby certify that this instrument has been calibrated against MARKTEC Corporation standards. Calibration standard of MARKTEC Corporation is traceable to the NIST(National Institute of Standards and Technology)

D A T E      2024/06/28

Performed by      Approved by

H.Takahashi      S.Kudoh

Equipment

Item		Model	Product No.	Calibration Date	Due Date
Primary Standard 0-15000 $\mu\text{W}/\text{cm}^2$	Readout	XR-1000	2036206	2024/04/23	Cycle of Calibration 1 Year
	Sensor	XDS-1000	2036207		
Secondary Standard		UV-2500III・D	Readout 08 Sensor 08	2024/08/28	2024/08/20
UV Light source		LDR2-100UV2-365-W	34255A001	—	—



NARITA PLANT Q.A Department  
681-4,KICHIOKA,NARITA-CITY  
CHIBA 287-0225 JAPAN

Cer No. 5369  
2 of 2



## Calibration Report

Method of Calibration UV light is vertically irradiated to sensor in the UV-light source, and compare with secondary standard in each value.  
Confirm that the error of each displayed value is less than  $\pm 2.5\%$ .

Conditions Test Temperature 23°C  
Test Humidity 60%

☐ New Product ☒ Calibration

D a t e 2024/06/28

### Test Report

Standard Reading	After Calibration	Difference from standard
( $\mu\text{W}/\text{cm}^2$ )	( $\mu\text{W}/\text{cm}^2$ )	(%)
0	0	0.00%
1000	1000	0.00%
2000	2000	0.00%
5000	5000	0.00%
10000	10000	0.00%
15000	15000	0.00%

NARITA PLANT Q.A Department  
681-4,KICHIOKA,NARITA-SHI  
CHIBA 287-0225 JAPAN



## UV-2500III Acceptance test Report

Customer SAMPLE(E)

Method of Calibration UV light is vertically irradiated to sensor in the UV-light source, and compare with secondary standard in each value.  
When the error margin exceeds our standard " $\pm 2.5\%$ ", adjusts it to become in the standard.  
It is not necessary to adjust it, "Before Calibration" displays "-". When measurement is not possible, "/" displays.

Product No.    Readout Unit    \*\*\*\*\*  
                  Sensor               \*\*\*\*\*

Test Date 2024/06/20

### Test Report

Standard Reading ( $\mu\text{W}/\text{cm}^2$ )	Before Calibration ( $\mu\text{W}/\text{cm}^2$ )	Difference from standard (%)
0	0	0.00%
1000	970	-3.00%
2000	1940	-3.00%
5000	4840	-3.20%
10000	9680	-3.20%
15000	14520	-3.20%