

Certificate No.

24PYT3_DEC12240149

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Certificate of Calibration

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_01768

MANUFACTURER : MASIMO

MODEL : RAD-5V

SERIAL No. : N44979

LOCATION : OPD CARDIO(ศูนย์หัวใจ)

SUBMITTED BY : PHYATHAI 3 HOSPITAL

111 Phet Kasem Rd., Pak Khlong Phasi Charoen, Phasi Charoen Bangkok 10160

Tel: (662) 467-1111 Fax: (622) 467-1111

CALIBRATED DATE : 13 DECEMBER 2024
ISSUE DATE : 30 DECEMBER 2024

Performed by :	/	Approved by :			
	SOM KONKAEW		PUKARIN TONGKLIANG		

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CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATETester, Vital SignFLUKEPROSIM 8570205924MD54530 Apr 2025Simulator

2. THIS CERTIFICATION IS TRACEABLE TO:

- Technology Promotion Association (Thai-Japan)

3. THIS RESULT OF TEST WAS FOUND ACCURATE AS SHOW ON DATE AND PLACE OF TEST ONLY



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Calibration Report

EQUIPMENT : OXIMETERS, PULSE

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DATE OF CALIBRATION : 13 DECEMBER 2024

ENVIRONMENT : TEMPERATURE 25 °C

RELATIVE HUMIDITY 55 %

PROCEDURE USED:

This instrument was calibration by comparison with standard

MEASURMENT RESULT:

/	Without Adjustment	Before Adjustment	After Adjustment

%Spo2				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)
90	89.99	-0.01	-0.01	± 0.0681
96	96.01	0.01	0.01	± 0.1142
100	100.00	-0.00	-0.00	± 0.0681

Heart Rate						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(BPM)	(BPM)	(BPM)	(%)	(BPM)		
60	60.01	0.01	0.01	± 0.0462		
80	80.02	0.02	0.02	± 0.1194		
120	120.38	0.38	0.31	± 0.8129		

UUC*: Unit Under Calibration

The reported uncertainty of measurement was based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%

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