

Certificate No.

24PYT3\_DEC12240166

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### **Certificate of Calibration**

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3\_01617

MANUFACTURER : MASIMO

MODEL : RADICAL-7

SERIAL No. : 178109

LOCATION : NURSERY(เด็กอ่อน)

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 : 16 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 2025

Simulator

### 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

ID CODE : PYT3\_01617

MANUFACTURER : MASIMO

MODEL : RADICAL-7

SERIAL No. : 178109

DATE OF CALIBRATION : 16 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
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%Spo2					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(%SPO <sub>2</sub> )	(%SPO <sub>2</sub> )	(%SPO <sub>2</sub> )	(%)	(%SPO <sub>2</sub> )	
90	89.97	-0.03	-0.03	± 0.0405	
96	95.96	-0.04	-0.04	± 0.0475	
100	100.02	0.01	0.01	± 0.0641	

Heart Rate						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(BPM)	(BPM)	(BPM)	(%)	(BPM)		
60	59.98	-0.02	-0.03	± 0.1040		
80	80.04	0.04	0.05	± 0.1154		
120	120.02	0.02	0.01	± 0.1140		

### **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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