

Certificate No.

24PYT3\_DEC12240047

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### **Certificate of Calibration**

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3\_05707

MANUFACTURER : EDAN

SERIAL No. : -

**MODEL** 

LOCATION : WARD 10

SUBMITTED BY : PHYATHAI 3 HOSPITAL

H100B

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

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

CALIBRATED DATE : 1 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\_05707

MANUFACTURER : EDAN MODEL : H100B

SERIAL No. : -

DATE OF CALIBRATION : 1 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	90.75	0.75	0.83	± 0.8275
96	97.00	1.00	1.04	± 0.0000
100	100.00	0.00	0.00	± 0.0000

Heart Rate						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(BPM)	(BPM)	(BPM)	(%)	(BPM)		
60	60.00	0.00	0.00	± 0.0180		
80	80.00	0.00	0.00	± 0.1100		
120	120.00	0.00	0.00	± 0.1100		

### **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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