

Certificate No.

24PYT3\_DEC12240151

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### **Certificate of Calibration**

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3\_05489

MANUFACTURER : EDAN MODEL : H100B

SERIAL No. : -

LOCATION : WARD 12 (ท้องพี่แกะ)

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

In

Performed by:		Approved by :	1		
	SOM KONKAFW		PUKARIN TONGKI IANG		

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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

ID CODE : PYT3\_05489

MANUFACTURER : EDAN MODEL : H100B

SERIAL No. : -

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
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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	90.24	0.24	0.26	± 1.5633
96	96.75	0.75	0.78	± 0.8315
100	100.00	-0.00	-0.00	± 0.0610

Heart Rate						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(BPM)	(BPM)	(BPM)	(%)	(BPM)		
60	60.27	0.27	0.44	± 0.8136		
80	80.03	0.03	0.04	± 0.1208		
120	120.99	0.99	0.83	± 0.1269		

### **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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