

Certificate No.

24PYT3\_DEC12240008

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### **Certificate of Calibration**

EQUIPMENT : OXIMETERS

ID CODE : PYT3\_08760

MANUFACTURER : EDAN

MODEL : H100B

SERIAL No. : 360101-M22507370018

LOCATION : WARD 12

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 : 1 DECEMBER 2024

ISSUE DATE : 30 DECEMBER 2024

Performed by : Approved by : PUKARIN TONGKLIANG

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

ID CODE : PYT3\_08760

MANUFACTURER : EDAN

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SERIAL No. : 360101-M22507370018

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	91.00	0.99	1.11	± 0.0901				
96	97.02	1.02	1.06	± 0.0838				
100	100.03	0.03	0.03	± 0.0625				

Heart Rate									
Standard Setting	UUC* Reading	Error	% Error	Uncertainty					
(BPM)	(BPM)	(BPM)	(%)	(BPM)					
60	60.02	0.02	0.03	± 0.0410					
80	79.98	-0.02	-0.02	± 0.1329					
120	120.03	0.02	0.02	± 0.1143					

### **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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