

Certificate No.

24PYT3\_DEC12240118

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### **Certificate of Calibration**

EQUIPMENT : MONITORS, PATIENT TRANSPORT

ID CODE : PYT3\_00580

MANUFACTURER : EDAN

MODEL : M8B

SERIAL No. : 301166-M12501500002-01

LOCATION : EMERGENCY( ฉุกเฉิน) (ห้องตรวจด้านใน)

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 : 4 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 : MONITORS, PATIENT TRANSPORT

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SERIAL No. : 301166-M12501500002-01

DATE OF CALIBRATION : 4 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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Systolic						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)		
60	61.03	1.03	1.71	± 0.0435		
120	118.03	-1.98	-1.65	± 0.0416		
200	199.04	-0.96	-0.48	± 0.0764		

Diastolic						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)		
30	33.01	3.01	10.04	± 0.0792		
80	80.02	0.02	0.02	± 0.0639		
150	145.02	-4.98	-3.32	± 0.0792		

Heart Rate						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(BPM)	(BPM)	(BPM)	(%)	(BPM)		
60	60.03	0.02	0.04	± 0.0590		
80	80.03	0.03	0.04	± 0.1186		
120	119.99	-0.01	-0.01	± 0.1191		

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EQUIPMENT : MONITORS, PATIENT TRANSPORT

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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	96.97	0.97	1.01	± 0.0530		
100	100.04	0.04	0.04	± 0.0563		

#### **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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