

Certificate No.

24PYT3_DEC12240079

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Certificate of Calibration

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_05413

MANUFACTURER : EDAN

MODEL : H100B

SERIAL No. : H100B10210A15537

LOCATION : OPD MEDICINE(อายุกรรม)

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, PULSE

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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

%Spo2								
Standard Setting	UUC* Reading	Error	% Error	Uncertainty				
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)				
90	89.99	-0.01	-0.01	± 0.0557				
96	97.00	1.00	1.04	± 0.1020				
100	100.00	-0.00	-0.00	± 0.0682				

Heart Rate									
Standard Setting	UUC* Reading	Error	% Error	Uncertainty					
(BPM)	(BPM)	(BPM)	(%)	(BPM)					
60	60.00	-0.01	-0.01	± 0.0879					
80	79.98	-0.02	-0.03	± 0.1131					
120	120.00	-0.00	-0.00	± 0.1268					

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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