

Certificate No.

24PYT3_DEC12240152

Page 1 of 2

Certificate of Calibration

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_05491

MANUFACTURER : EDAN

MODEL : H100B

SERIAL No. : 113575-M16410920024

LOCATION : WARD 12 (ห้องพี่แกะ)

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

Performed by:		Approved by :	1		
	SOM KONKA FW		PUKARIN TONGKUANG		

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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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Page 2 of 2

Calibration Report

EQUIPMENT : OXIMETERS, PULSE

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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

%Spo2				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)
90	90.00	0.00	0.00	± 1.3513
96	97.01	1.01	1.05	± 0.0595
100	100.04	0.04	0.04	± 0.0604

Heart Rate					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(BPM)	(BPM)	(BPM)	(%)	(BPM)	
60	60.01	0.01	0.02	± 0.0333	
80	80.03	0.03	0.03	± 0.1186	
120	120.01	0.01	0.01	± 0.1134	

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%

FI-BME-NHS-CP-012/1 Rev.04 Page 2/2 Issued Date 20/07/2024