

Certificate No.

24PYT3_DEC12240032

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Certificate of Calibration

EQUIPMENT : OXIMETERS

ID CODE : PYT3_08763

MANUFACTURER : EDAN

MODEL : H100B

SERIAL No. : 360101-M22507370012

LOCATION : WARD 11

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_08763

MANUFACTURER : EDAN

MODEL : H100B

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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
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%Spo2								
Standard Setting	UUC* Reading	Error	% Error	Uncertainty				
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)				
90	91.00	1.00	1.11	± 0.0920				
96	96.98	0.98	1.02	± 0.0475				
100	100.03	0.03	0.03	± 0.0345				

Heart Rate									
Standard Setting	UUC* Reading	Error	% Error	Uncertainty					
(BPM)	(BPM)	(BPM)	(%)	(BPM)					
60	59.99	-0.01	-0.02	± 0.0705					
80	80.00	0.00	0.00	± 0.1254					
120	119.95	-0.05	-0.04	± 0.1156					

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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