

Certificate No.

24PYT3_DEC12240145

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Certificate of Calibration

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_09298

MANUFACTURER : BEIJING CHOICE

MODEL : MD300C1

SERIAL No. : -

LOCATION : WARD 9

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 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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Calibration Report

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_09298

MANUFACTURER : BEIJING CHOICE

MODEL : MD300C1

SERIAL No. : -

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	91.00	1.00	1.11	± 0.0769				
96	97.04	1.04	1.08	± 0.0612				
100	98.97	-1.03	-1.03	± 0.0494				

Heart Rate								
Standard Setting	UUC* Reading	Error	% Error	Uncertainty				
(BPM)	(BPM)	(BPM)	(%)	(BPM)				
60	59.99	-0.01	-0.02	± 0.0565				
80	79.97	-0.03	-0.04	± 0.1145				
120	119.99	-0.01	-0.01	± 0.1272				

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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