

Certificate No.

24PYT3_DEC12240141

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Certificate of Calibration

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_01604

MANUFACTURER : MINDRAY

MODEL: PM-60

SERIAL No. : CR-35148291

LOCATION : WARD 15

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

ID CODE : PYT3_01604

MANUFACTURER : MINDRAY

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SERIAL No. : CR-35148291

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	90.00	0.00	0.00	± 0.0681					
96	97.00	1.00	1.04	± 0.0696					
100	100.01	0.00	0.00	± 0.0871					

Heart Rate									
Standard Setting	UUC* Reading	Error	% Error	Uncertainty					
(BPM)	(BPM)	(BPM)	(%)	(BPM)					
60	59.99	-0.01	-0.02	± 0.0397					
80	80.01	0.01	0.02	± 0.1296					
120	121.00	1.00	0.83	± 0.1103					

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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