

Certificate No.

24PYT3_DEC12240130

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Certificate of Calibration

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_01790

MANUFACTURER : MINDRAY

MODEL: PM-60

SERIAL No. : CR-36150145

LOCATION : PHYSICAL THERAPY(กายภาพ)

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 : 4 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_01790

MANUFACTURER : MINDRAY

MODEL : PM-60

SERIAL No. : CR-36150145

DATE OF CALIBRATION : 4 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	91.01	1.01	1.12	± 0.0788					
96	97.01	1.01	1.05	± 0.0669					
100	99.00	-1.00	-1.00	± 0.0435					

Heart Rate								
Standard Setting	UUC* Reading	Error	% Error	Uncertainty				
(BPM)	(BPM)	(BPM)	(%)	(BPM)				
60	60.06	0.05	0.09	± 0.0590				
80	79.97	-0.03	-0.04	± 0.1151				
120	121.02	1.02	0.85	± 0.1136				

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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